

Converting Colors

XYZ(83.2195, 88.9916,
101.1617)

Have a look what the booklet for
XYZ(83.2195, 88.9916, 101.1617)
contains.

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Color

**XYZ(83.0709, 88.9092,
100.7786)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF4F7
RGB	234, 244, 247
RGB Percent	92%, 96%, 97%
CMY	0.0823, 0.0431, 0.0314
CMYK	0.05, 0.01, 0.00, 0.03
HSL	194°, 45%, 94%
HSV	194°, 5%, 97%
XYZ	83.0709, 88.9092, 100.7786
YIQ	241.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

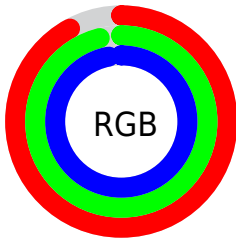
Format	Color
R _Y B	234, 240, 247
Decimal	15398135
CIE Lab	95.54, -2.74, -2.59
CIE LCh	96, 3.771, 223.480
Yxy	88.9092, 0.3046, 0.3260
Android (android.graphics.Color)	4293588215 (0xFFEAF4F7)
YUV	241.3520, 2.7845, -6.4477
Hunter-Lab	94.2917, -7.7521, 2.6352

Details

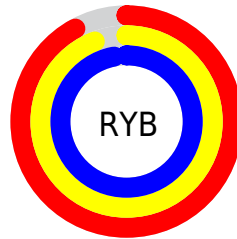
The XYZ color **83.0709, 88.9092, 100.7786** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4936, 86.2824, 90.0969**, and the grayscale version is **83.8712, 88.2390, 96.0923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7473, 49.1930, 56.3743** is the 20% darker color. If you saturate the color by 10%, you get **73.8344, 81.6462, 99.8649**, and if you desaturate by 10%, it is **92.1207, 96.1594, 101.7024**.

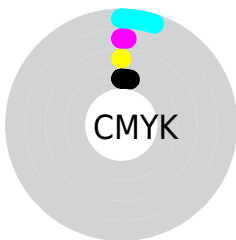
Distribution



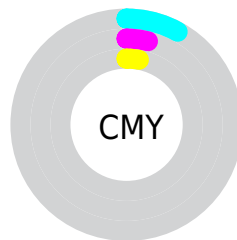
- Red (92%)
- Green (96%)
- Blue (97%)



- Red (92%)
- Yellow (94%)
- Blue (97%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0709, 88.9092, 100.7786 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 83.0709, 88.9092, 100.7786 by changing the saturation by 10% instead.

83.0709, 88.9092,
100.7786

83.0709, 88.9092,
100.7786

493.8031,
524.4761, 583.9540

62.5658, 67.0763,
76.3304

136.6028,
145.8223, 164.2879

45.7473, 49.1466,
56.1952

170.3602,
181.6713, 204.1862

32.2503, 34.7358,
39.9544

209.2658,
222.9611, 250.0716

21.7092, 23.4594,
27.1895

253.6848,
270.0761, 302.3626

13.7588, 14.9331,
17.4819

303.9827,
323.4007, 361.4778

8.0337, 8.7725,
10.4131

360.5249,

4.1685, 4.5931,

383.3193, 427.8358

5.5645

423.6765,
450.2163, 501.8550

■ 1.7979, 2.0105,
2.5177

■ 0.5164, 0.6136,
0.8495

■ 83.0709, 88.9092,
100.7786

■ 83.0709, 88.9092,
100.7786

■ 73.8344, 81.6462,
99.8649

■ 92.1207, 96.1594,
101.7024

■ 65.7318, 75.0431,
99.0174

■ 93.7888, 99.4955,
102.2584

■ 58.7154, 69.0772,
98.2357

■ 52.7312, 63.7198,
97.5170

■ 47.7202, 58.9398,
96.8585

■ 43.6174, 54.7029,
96.2569

■ 40.3493, 50.9706,
95.7087

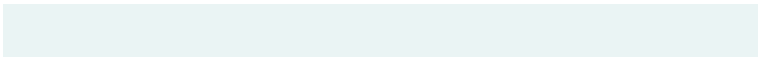
■ 37.8304, 47.6979,
95.2098

■ 35.9554, 44.8298,
94.7551

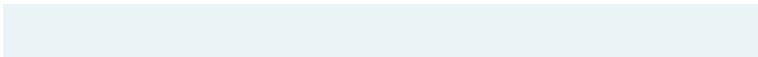
Harmonies

Analogous

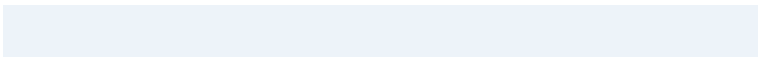
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5866, 88.9092, 98.1405



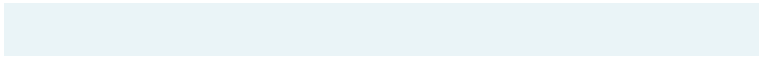
83.0709, 88.9092, 100.7786



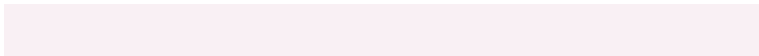
83.9414, 88.9092, 102.3699

Triad

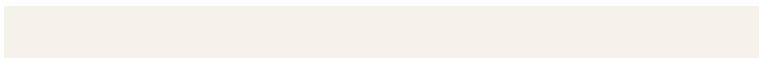
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0709, 88.9092, 100.7786



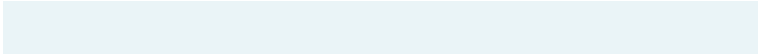
86.4262, 88.9092, 98.4353



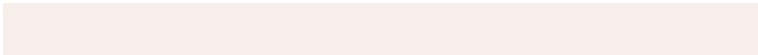
84.0429, 88.9092, 91.3741

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



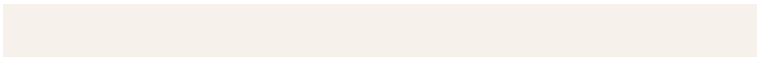
83.0709, 88.9092, 100.7786



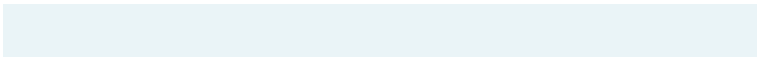
83.4936, 86.2824, 90.0969

Split Complementary

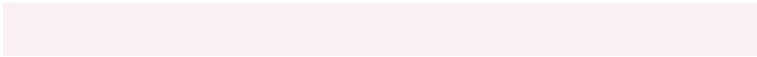
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0722, 88.9092, 91.4494



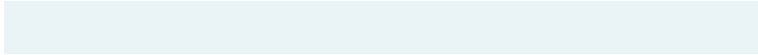
83.0709, 88.9092, 100.7786



86.4539, 88.9092, 95.4856

Square

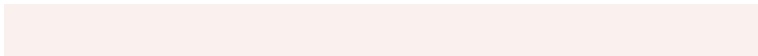
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0709, 88.9092, 100.7786



85.8811, 88.9092, 100.9982



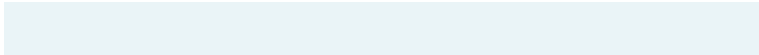
85.9566, 88.9092, 92.9411



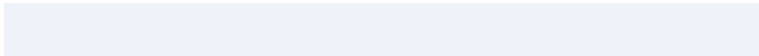
83.1447, 88.9092, 92.7334

Rectangle

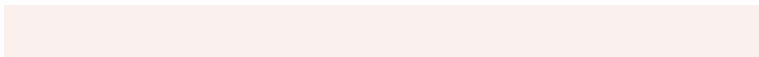
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0709, 88.9092, 100.7786



84.6263, 88.9092, 102.6031



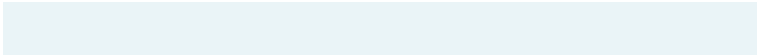
85.9566, 88.9092, 92.9411



84.3849, 88.9092, 91.2334

Sweetspot

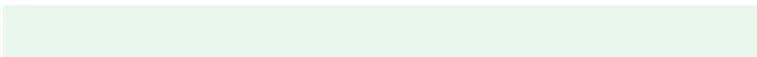
The Sweet Spot groups the original color and five complimentary colors.



83.0734, 88.9130, 100.7806



92.8247, 98.2978, 108.6887



82.4532, 90.1192, 93.0308



19.8916, 21.0577, 23.2661



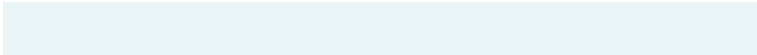
0.0000, 0.0000, 0.0000



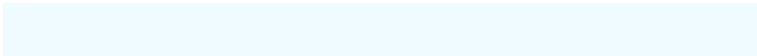
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0734, 88.9130, 100.7806



88.5288, 94.9835, 108.2754



81.2041, 85.1742, 100.1574



17.2230, 18.5167, 21.2089



18.7384, 23.2706, 50.0421



1.7238, 2.1990, 4.4238

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84.1117, 85.1532, 97.5954



89.7992, 90.3986, 104.3745



85.3559, 90.0071, 90.7177



17.4972, 17.5300, 20.3663



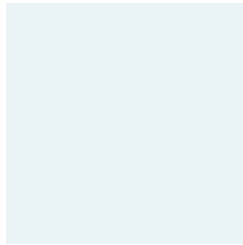
25.2628, 12.4486, 27.1560



2.2592, 1.1096, 2.5911

Previews

White Background



This preview shows how the XYZ color 83.0709, 88.9092, 100.7786 looks on a white background.

Color Contrast Check

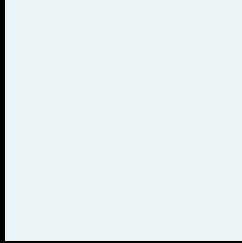
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 83.0709, 88.9092, 100.7786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

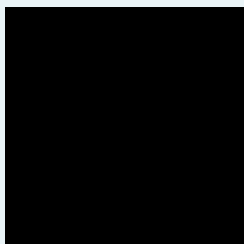
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

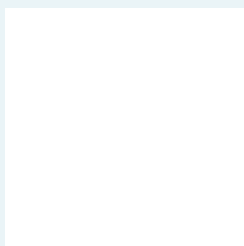
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0709, 88.9092, 100.7786

Background



This preview shows how black text looks on a background with the XYZ color 83.0709, 88.9092, 100.7786.



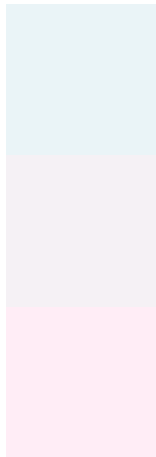
This preview shows how white text looks on a background with the XYZ color 83.0709, 88.9092,

100.786.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.0709, 88.9092, 100.7786

Protanopia

85.5929, 88.9156, 99.0374

Deuteranopia

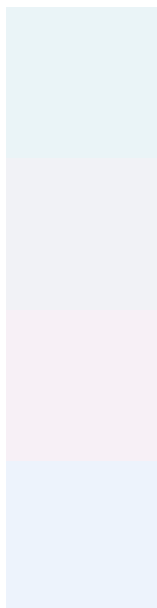
88.1587, 88.4822, 99.6211



Tritanopia

85.0620, 88.9014, 107.2842

Trichromacy



Original Color

83.0709, 88.9092, 100.7786

Protanomaly

84.6623, 88.8589, 99.8781

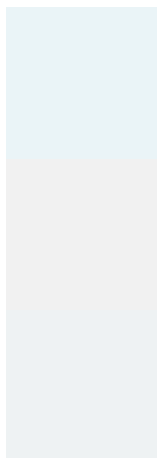
Deuteranomaly

86.1524, 88.7482, 99.7782

Tritanomaly

84.5463, 89.1340, 104.8440

Monochromacy



Original Color

83.0709, 88.9092, 100.7786

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1897, 88.1525, 97.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0709, 88.9092, 100.7786 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(234, 244, 247) looks like.

```
.text, #text, p{  
    color:rgb(234, 244, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(234, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 244, 247) }
```

Border

The CSS property to change the border of an element to XYZ 83.0709, 88.9092, 100.7786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 244, 247) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(234, 244, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(234, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(234, 244,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0709, 88.9092, 100.7786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 244, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(234,  
244, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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