

Converting Colors

XYZ(83.3979, 88.4900,
107.2925)

Have a look what the booklet for
XYZ(83.3979, 88.4900, 107.2925)
contains.

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Color

**XYZ(83.3793, 88.4770,
107.2909)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F3FF
RGB	232, 243, 255
RGB Percent	91%, 95%, 100%
CMY	0.0902, 0.0470, 0.0000
CMYK	0.09, 0.05, 0.00, 0.00
HSL	211°, 100%, 95%
HSV	211°, 9%, 100%
XYZ	83.3793, 88.4770, 107.2909
YIQ	241.0790, -10.4080, 1.4000

Conversions

Conversions Part 2

Format	Color
R _Y B	232, 239, 255
Decimal	15266815
CIE Lab	95.36, -1.37, -7.02
CIE LCh	95, 7.149, 258.993
Yxy	88.4770, 0.2987, 0.3170
Android (android.graphics.Color)	4293456895 (0xFFE8F3FF)
YUV	241.0790, 6.8631, -7.9623
Hunter-Lab	94.0622, -6.3816, -1.7849

Details

The XYZ color **83.3793, 88.4770, 107.2909** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.1554, 91.7856, 89.4156**, and the grayscale version is **83.6269, 87.9820, 95.8124**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8679, 48.8480, 60.4372** is the 20% darker color. If you saturate the color by 10%, you get **71.8583, 76.8439, 105.6528**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

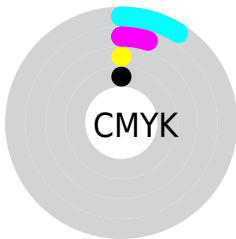
Distribution



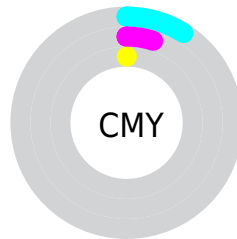
- Red (91%)
- Green (95%)
- Blue (100%)



- Red (91%)
- Yellow (94%)
- Blue (100%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.3793, 88.4770, 107.2909 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 83.3793, 88.4770, 107.2909 by changing the saturation by 10% instead.

83.3793, 88.4770,
107.2909

83.3793, 88.4770,
107.2909

494.8146,
523.0640, 604.7687

62.8211, 66.7182,
81.7526

137.0323,
145.2211, 173.2800

45.9546, 48.8556,
60.6270

170.8579,
180.9751, 214.5678

32.4145, 34.5050,
43.4956

209.8365,
222.1630, 261.9425

21.8353, 23.2818,
29.9399

254.3337,
269.1691, 315.8227

13.8519, 14.8017,
19.5413

304.7148,
322.3779, 376.6269

8.0987, 8.6804,
11.8813

361.3450,

4.2105, 4.5333,

382.1737, 444.7736

6.5413

424.5898,
448.9410, 520.6814

■ 1.8219, 1.9761,
3.1029

■ 0.5308, 0.5935,
1.1474

■ 83.3793, 88.4770,
107.2909

■ 83.3793, 88.4770,
107.2909

■ 71.8583, 76.8439,
105.6528

95.0500, 100.0000,
108.9000

■ 61.7667, 66.3643,
104.1619

■ 53.0454, 57.0008,
102.8142

■ 45.6280, 48.7096,
101.6048

■ 39.4425, 41.4435,
100.5283

■ 34.4089, 35.1509,
99.5790

■ 30.4366, 29.7743,
98.7506

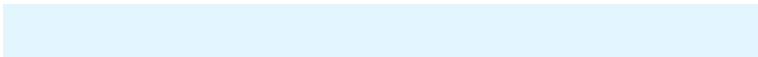
■ 27.4192, 25.2474,
98.0358

■ 25.2028, 21.4791,
97.4253

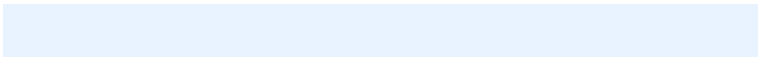
Harmonies

Analogous

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



81.6531, 88.4770, 104.6878



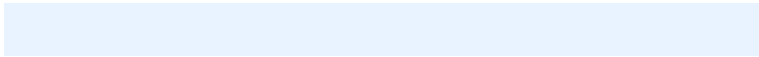
83.3793, 88.4770, 107.2909



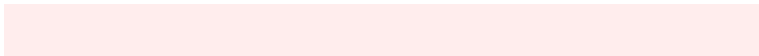
85.3236, 88.4770, 106.8747

Triad

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



83.3793, 88.4770, 107.2909



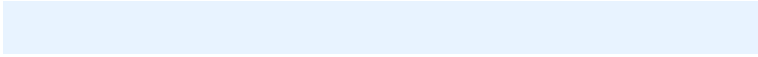
87.6981, 88.4770, 92.8763



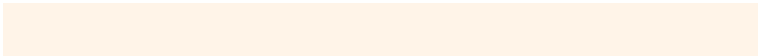
81.2909, 88.4770, 89.4462

Complementary

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



83.3793, 88.4770, 107.2909



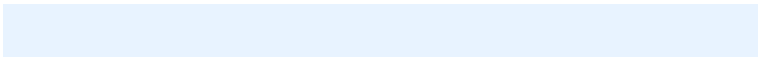
88.1554, 91.7856, 89.4156

Split Complementary

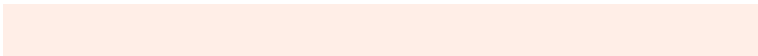
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8777, 88.4770, 86.5147



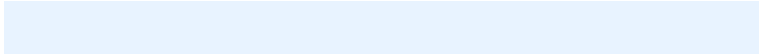
83.3793, 88.4770, 107.2909



86.5845, 88.4770, 88.4415

Square

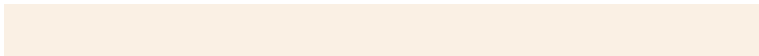
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



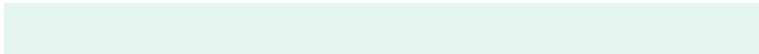
83.3793, 88.4770, 107.2909



87.8375, 88.4770, 98.4058



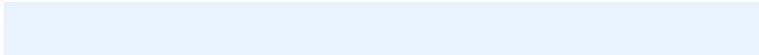
84.8142, 88.4770, 86.1542



80.4599, 88.4770, 94.2962

Rectangle

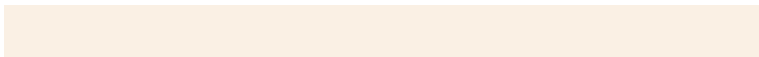
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3793, 88.4770, 107.2909



86.4814, 88.4770, 104.9451



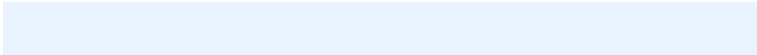
84.8142, 88.4770, 86.1542



81.7524, 88.4770, 88.2119

Sweetspot

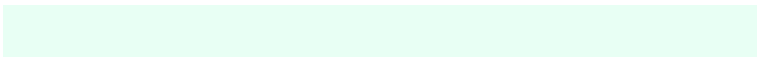
The Sweet Spot groups the original color and five complimentary colors.



83.3816, 88.4806, 107.2915



91.0317, 96.0586, 108.3510



85.3510, 95.2008, 99.3730



19.2596, 20.3390, 23.1607



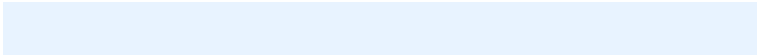
0.0000, 0.0000, 0.0000



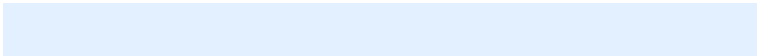
20.3446, 21.4041, 23.3091

Same Dimension

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



83.3816, 88.4806, 107.2915



80.9821, 86.0814, 106.9549



80.3112, 82.1548, 106.2323



17.7200, 18.8117, 22.9470



13.2158, 11.3412, 50.9271



1.3954, 1.3215, 4.9948

Inverse Universe

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



86.2757, 85.4458, 96.7438



84.4787, 82.4841, 94.1955



91.4249, 98.5337, 90.5458



18.3713, 18.1318, 20.5726



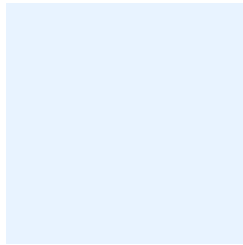
23.4589, 11.8729, 11.0672



2.3389, 1.1779, 1.3662

Previews

White Background



This preview shows how the XYZ color 83.3793, 88.4770, 107.2909 looks on a white background.

Color Contrast Check

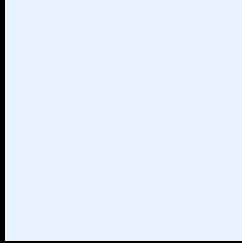
Large Text (above 18pt) WCAG AA × Fail

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 83.3793, 88.4770, 107.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

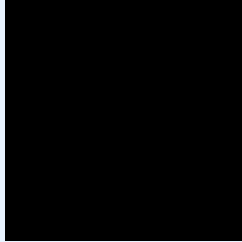
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

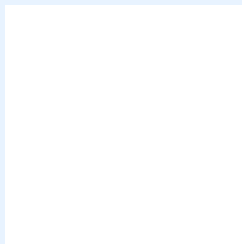
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3793, 88.4770, 107.2909

Background



This preview shows how black text looks on a background with the XYZ color 83.3793, 88.4770, 107.2909.



This preview shows how white text looks on a background with the XYZ color 83.3793, 88.4770,

107.2909.

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

83.3793, 88.4770, 107.2909

Protanopia

85.5077, 88.2893, 105.4633

Deuteranopia

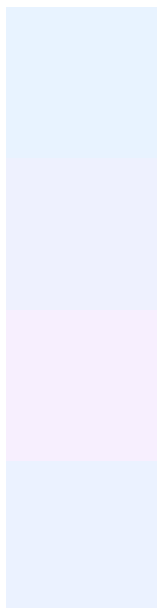
89.1248, 88.4067, 106.1327



Tritanopia

84.3942, 88.5571, 107.2529

Trichromacy



Original Color

83.3793, 88.4770, 107.2909

Protanomaly

84.6046, 88.2435, 106.3395

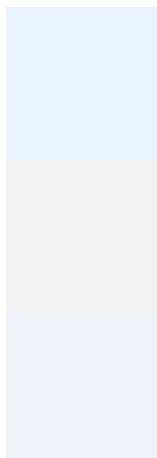
Deuteranomaly

87.1137, 88.6629, 106.2882

Tritanomaly

84.0631, 88.3864, 107.2374

Monochromacy



Original Color

83.3793, 88.4770, 107.2909

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.6466, 88.3352, 99.8305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3793, 88.4770, 107.2909 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(232, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 243, 255)  
}
```

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(232, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.3793, 88.4770, 107.2909 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(232, 243, 255) }
```


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

```
.border{ border-color:rgb(232, 243, 255) }
```

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

Here you see how a box with a 4 pixel rgb(232, 243, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3793, 88.4770, 107.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 243, 255) }
```

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

```
.background{ background-color: rgb(232,  
243, 255) }
```

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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