

Converting Colors

XYZ(82.9504, 89.0901,
105.7527)

Have a look what the booklet for
XYZ(82.9504, 89.0901, 105.7527)
contains.

XYZ(83.0152, 89.2197, 105.7743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(83.0152, 89.2197,
105.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F5FD
RGB	230, 245, 253
RGB Percent	90%, 96%, 99%
CMY	0.0980, 0.0392, 0.0078
CMYK	0.09, 0.03, 0.00, 0.01
HSL	201°, 85%, 95%
HSV	201°, 9%, 99%
XYZ	83.0152, 89.2197, 105.7743
YIQ	241.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

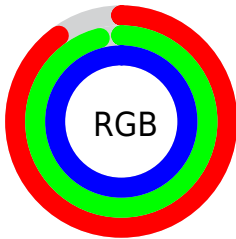
Format	Color
R _Y B	230, 239, 253
Decimal	15136253
CIE Lab	95.67, -3.40, -5.54
CIE LCh	96, 6.501, 238.445
Yxy	89.2197, 0.2986, 0.3209
Android (android.graphics.Color)	4293326333 (0xFFE6F5FD)
YUV	241.4270, 5.7055, -10.0215
Hunter-Lab	94.4562, -8.4191, -0.2750

Details

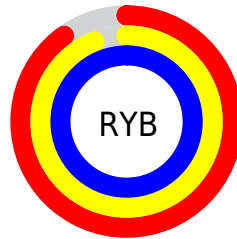
The XYZ color **83.0152, 89.2197, 105.7743** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3659, 87.7444, 87.3016**, and the grayscale version is **83.9106, 88.2805, 96.1375**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6170, 49.3794, 59.3515** is the 20% darker color. If you saturate the color by 10%, you get **72.8804, 80.1403, 104.5574**, and if you desaturate by 10%, it is **94.3488, 99.1097, 107.0873**.

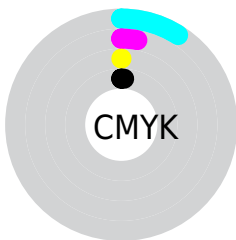
Distribution



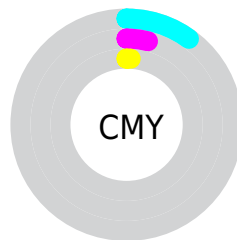
- Red (90%)
- Green (96%)
- Blue (99%)



- Red (90%)
- Yellow (94%)
- Blue (99%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (10%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0152, 89.2197, 105.7743 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 83.0152, 89.2197, 105.7743 by changing the saturation by 10% instead.

83.0152, 89.2197,
105.7743

83.0152, 89.2197,
105.7743

493.6203,
525.4893, 599.9553

62.5196, 67.3337,
80.4879

136.5252,
146.2540, 171.1908

45.7099, 49.3558,
59.5914

170.2703,
182.1711, 212.1581

32.2206, 34.9018,
42.6662

209.1626,
223.5340, 259.1894

21.6864, 23.5873,
29.2939

253.5676,
270.7271, 312.7032

13.7420, 15.0277,
19.0558

303.8505,
324.1348, 373.1182

8.0219, 8.8389,
11.5334

360.3766,

4.1609, 4.6362,

384.1414, 440.8529

6.3081

423.5115,
451.1315, 516.3257

■ 1.7936, 2.0354,
2.9615

■ 0.5138, 0.6279,
1.0750

■ 83.0152, 89.2197,
105.7743

■ 83.0152, 89.2197,
105.7743

■ 72.8804, 80.1403,
104.5574

94.3488, 99.1097,
107.0873

■ 63.9956, 71.8882,
103.4328

94.7299, 99.8720,
107.2143

■ 56.3075, 64.4356,
102.3995

■ 49.7555, 57.7485,
101.4541

■ 44.2736, 51.7903,
100.5930

■ 39.7883, 46.5202,
99.8122

■ 36.2159, 41.8921,
99.1071

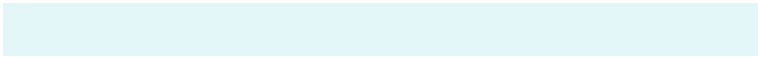
■ 33.4574, 37.8521,
98.4727

■ 31.3660, 34.3215,
97.9015

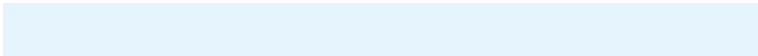
Harmonies

Analogous

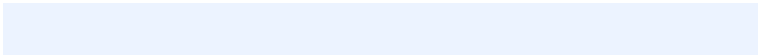
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.8152, 89.2197, 101.9082



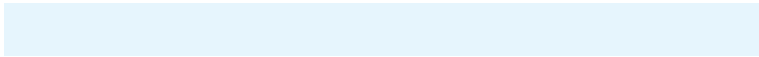
83.0152, 89.2197, 105.7743



84.7075, 89.2197, 107.3179

Triad

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



83.0152, 89.2197, 105.7743



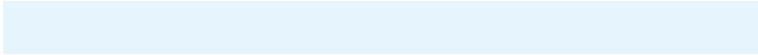
88.2820, 89.2197, 97.4123



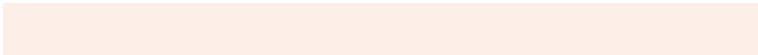
83.1745, 89.2197, 88.7469

Complementary

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



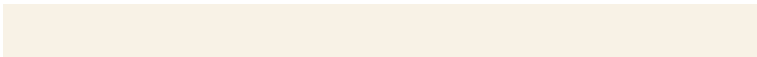
83.0152, 89.2197, 105.7743



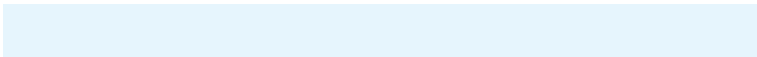
85.3659, 87.7444, 87.3016

Split Complementary

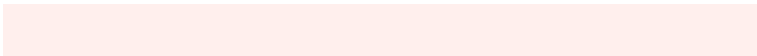
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8939, 89.2197, 87.6364



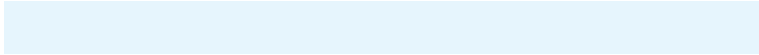
83.0152, 89.2197, 105.7743



87.8579, 89.2197, 92.5328

Square

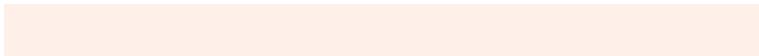
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



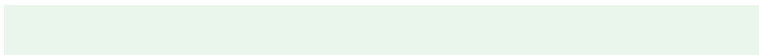
83.0152, 89.2197, 105.7743



87.7625, 89.2197, 102.3863



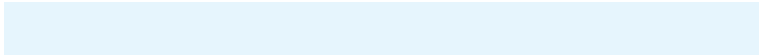
86.6115, 89.2197, 88.9984



81.9062, 89.2197, 92.0858

Rectangle

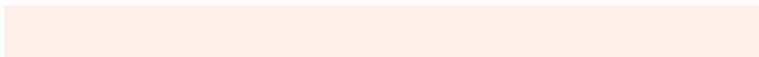
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0152, 89.2197, 105.7743



85.8925, 89.2197, 106.7824



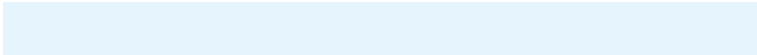
86.6115, 89.2197, 88.9984



83.7181, 89.2197, 88.1058

Sweetspot

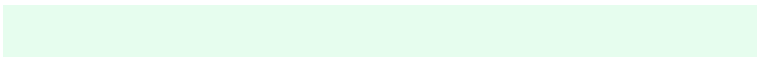
The Sweet Spot groups the original color and five complimentary colors.



83.0178, 89.2235, 105.7763



91.4487, 96.8926, 108.4900



83.1436, 93.2286, 94.2467



19.3722, 20.5642, 23.1982



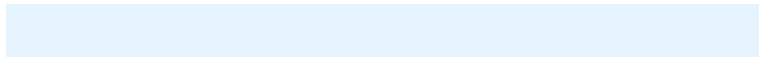
0.0000, 0.0000, 0.0000



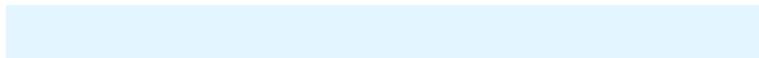
20.3446, 21.4041, 23.3091

Same Dimension

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



83.0178, 89.2235, 105.7763



82.4402, 88.9977, 107.4409



79.7397, 82.6673, 104.6836



17.9921, 19.3559, 23.0377



16.7346, 18.3788, 52.1000



1.7317, 1.9941, 5.1069

Inverse Universe

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



85.2883, 84.0707, 98.1227



85.2147, 82.7785, 98.0713



88.7196, 94.4518, 88.4195



18.5087, 18.1868, 21.2959



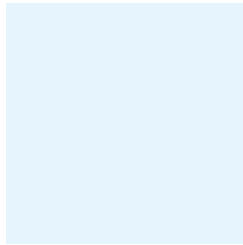
25.2350, 12.5833, 20.4200



2.5087, 1.2458, 2.2601

Previews

White Background



This preview shows how the XYZ color 83.0152, 89.2197, 105.7743 looks on a white background.

Color Contrast Check

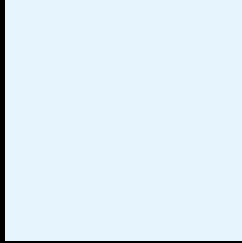
Large Text (above 18pt) WCAG AA × Fail

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 83.0152, 89.2197, 105.7743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

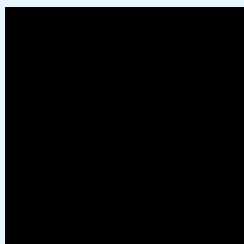
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

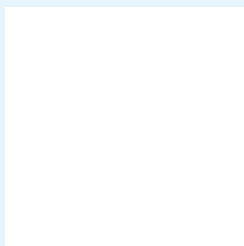
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0152, 89.2197, 105.7743

Background



This preview shows how black text looks on a background with the XYZ color 83.0152, 89.2197, 105.7743.



This preview shows how white text looks on a background with the XYZ color 83.0152, 89.2197,

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

83.0152, 89.2197, 105.7743

Protanopia

86.1761, 89.1087, 103.9245

Deuteranopia

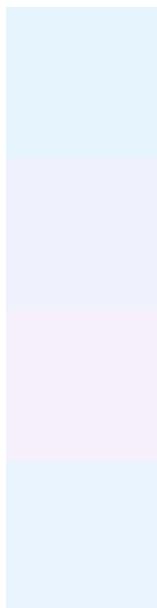
88.9368, 88.7934, 103.7182



Tritanopia

84.6927, 89.1541, 107.3524

Trichromacy



Original Color

83.0152, 89.2197, 105.7743

Protanomaly

84.9194, 88.8833, 104.7759

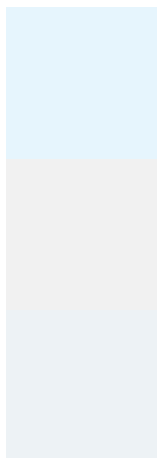
Deuteranomaly

86.7368, 88.9413, 104.6913

Tritanomaly

84.1718, 89.3495, 106.5758

Monochromacy



Original Color

83.0152, 89.2197, 105.7743

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1586, 88.1014, 99.0085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0152, 89.2197, 105.7743 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(230, 245, 253)` looks like.

```
.text, #text, p{  
    color:rgb(230, 245, 253)  
}
```

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(230, 245, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 245, 253) }
```

Border

The CSS property to change the border of an element to XYZ 83.0152, 89.2197, 105.7743 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(230, 245, 253) }
```


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

```
.border{ border-color:rgb(230, 245, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 245, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 245, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 245, 253);  
box-shadow:4px 4px 4px 4px rgb(230, 245,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0152, 89.2197, 105.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 245, 253) }
```

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

```
.background{ background-color: rgb(230,  
245, 253) }
```

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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