

Converting Colors

XYZ(83.3675, 88.9900,
104.0496)

Have a look what the booklet for
XYZ(83.3675, 88.9900, 104.0496)
contains.

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Color

**XYZ(83.3675, 88.9900,
104.0496)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F4FB
RGB	233, 244, 251
RGB Percent	91%, 96%, 98%
CMY	0.0863, 0.0431, 0.0157
CMYK	0.07, 0.03, 0.00, 0.02
HSL	203°, 69%, 95%
HSV	203°, 7%, 98%
XYZ	83.3675, 88.9900, 104.0496
YIQ	241.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

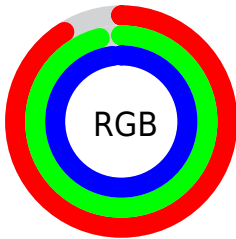
Format	Color
R _{YB}	233, 240, 251
Decimal	15332603
CIE _{Lab}	95.58, -2.31, -4.62
CIE _{LCh}	96, 5.170, 243.414
Y _{xy}	88.9900, 0.3016, 0.3220
Android (android.graphics.Color)	4293522683 (0xFFE9F4FB)
Y _{UV}	241.5090, 4.6791, -7.4624
Hunter-Lab	94.3345, -7.3372, 0.6381

Details

The XYZ color **83.3675, 88.9900, 104.0496** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6520, 88.7119, 89.7010**, and the grayscale version is **83.9815, 88.3551, 96.2187**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9650, 49.2537, 58.7141** is the 20% darker color. If you saturate the color by 10%, you get **72.8916, 79.3486, 102.7421**, and if you desaturate by 10%, it is **94.0190, 98.9574, 105.4135**.

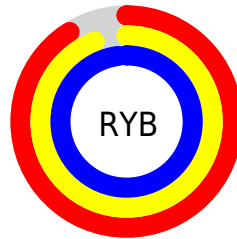
Distribution



Red (91%)

Green (96%)

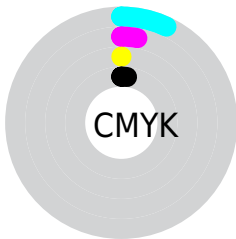
Blue (98%)



Red (91%)

Yellow (94%)

Blue (98%)

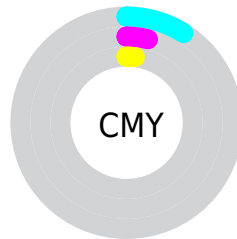


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.3675, 88.9900, 104.0496 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 83.3675, 88.9900, 104.0496 by changing the saturation by 10% instead.

83.3675, 88.9900,
104.0496

83.3675, 88.9900,
104.0496

494.7759,
524.7399, 594.4567

62.8113, 67.1433,
79.0512

137.0159,
145.9347, 168.8115

45.9466, 49.2011,
58.4163

170.8388,
181.8014, 209.4119

32.4082, 34.7790,
41.7265

209.8147,
223.1102, 256.0502

21.8305, 23.4927,
28.5632

254.3089,
270.2455, 309.1447

13.8483, 14.9577,
18.5079

304.6868,
323.5918, 369.1141

8.0962, 8.7897,
11.1421

361.3137,

4.2089, 4.6043,

383.5333, 436.3769

6.0471

424.5549,
450.4545, 511.3516

■ 1.8210, 2.0170,
2.8045

■ 0.5303, 0.6173,
0.9957

■ 83.3675, 88.9900,
104.0496

■ 83.3675, 88.9900,
104.0496

■ 72.8916, 79.3486,
102.7421

■ 94.0190, 98.9574,
105.4135

■ 63.6826, 70.5851,
101.5360

■ 94.4128, 99.7451,
105.5448

■ 55.6884, 62.6714,
100.4298

■ 48.8498, 55.5732,
99.4202

■ 43.1024, 49.2536,
98.5033

■ 38.3749, 43.6718,
97.6751

■ 34.5867, 38.7825,
96.9310

■ 31.6433, 34.5326,
96.2658

■ 29.4241, 30.8558,
95.6731

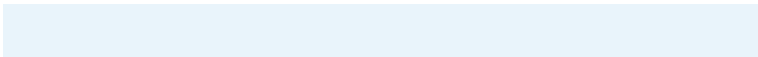
Harmonies

Analogous

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



82.3260, 88.9900, 101.2605



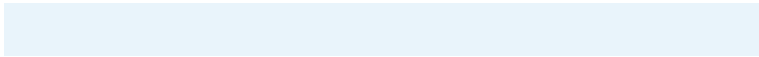
83.3675, 88.9900, 104.0496



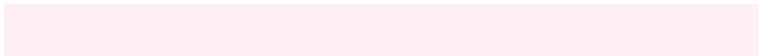
84.7448, 88.9900, 104.9035

Triad

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



83.3675, 88.9900, 104.0496



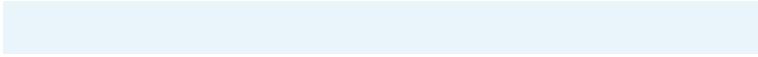
87.3343, 88.9900, 96.4306



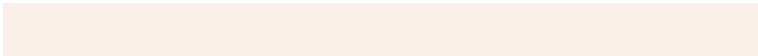
83.0892, 88.9900, 90.5198

Complementary

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



83.3675, 88.9900, 104.0496



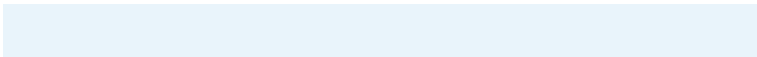
85.6520, 88.7119, 89.7010

Split Complementary

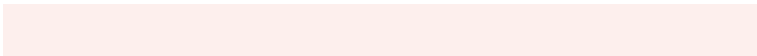
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4200, 88.9900, 89.3048



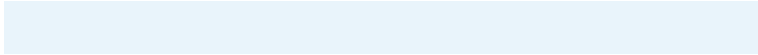
83.3675, 88.9900, 104.0496



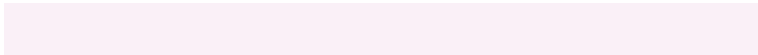
86.8795, 88.9900, 92.6568

Square

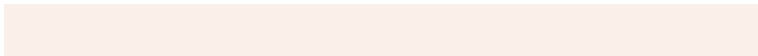
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



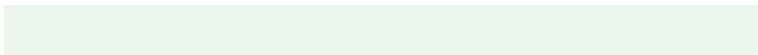
83.3675, 88.9900, 104.0496



87.0449, 88.9900, 100.4332



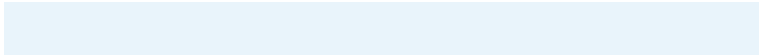
85.8089, 88.9900, 90.0761



82.1666, 88.9900, 93.4409

Rectangle

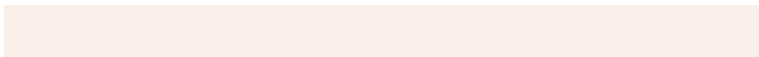
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3675, 88.9900, 104.0496



85.6708, 88.9900, 104.2414



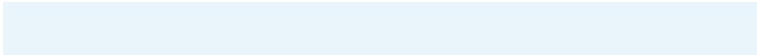
85.8089, 88.9900, 90.0761



83.5031, 88.9900, 89.9021

Sweetspot

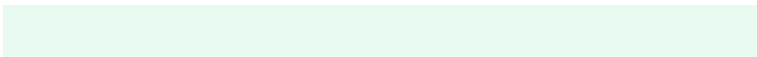
The Sweet Spot groups the original color and five complimentary colors.



83.3701, 88.9938, 104.0516



92.5694, 97.7873, 108.6036



83.8162, 92.6048, 95.8185



19.8397, 20.9538, 23.2488



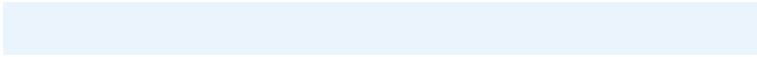
0.0000, 0.0000, 0.0000



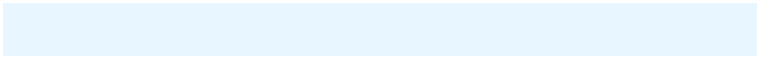
20.3446, 21.4041, 23.3091

Same Dimension

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



83.3701, 88.9938, 104.0516



84.3250, 90.3443, 107.6015



80.7552, 83.7641, 103.1800



17.1663, 18.4095, 22.0339



15.3242, 16.0039, 50.2549



1.5222, 1.6881, 4.6888

Inverse Universe

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



85.2537, 85.3204, 97.5675



86.7575, 85.6601, 99.2144



88.3378, 94.0834, 90.5962



17.6905, 17.4036, 20.2259



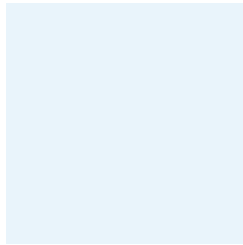
24.0270, 12.0265, 17.3823



2.2773, 1.1346, 1.8834

Previews

White Background



This preview shows how the XYZ color 83.3675, 88.9900, 104.0496 looks on a white background.

Color Contrast Check

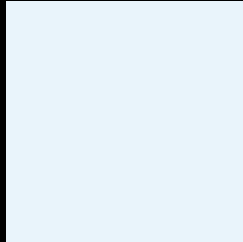
Large Text (above 18pt) WCAG AA × Fail

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 83.3675, 88.9900, 104.0496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

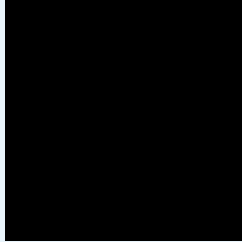
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

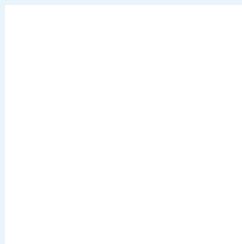
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3675, 88.9900, 104.0496

Background



This preview shows how black text looks on a background with the XYZ color 83.3675, 88.9900, 104.0496.

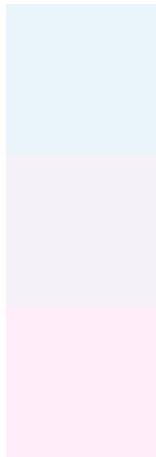


This preview shows how white text looks on a background with the XYZ color 83.3675, 88.9900,

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

83.3675, 88.9900, 104.0496

Protanopia

85.8624, 88.9832, 102.2726

Deuteranopia

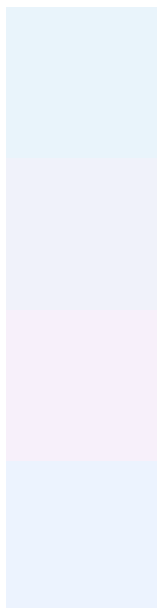
88.7795, 88.7305, 102.8900



Tritanopia

84.7272, 88.7288, 107.2685

Trichromacy



Original Color

83.3675, 88.9900, 104.0496

Protanomaly

84.9426, 88.9317, 103.1310

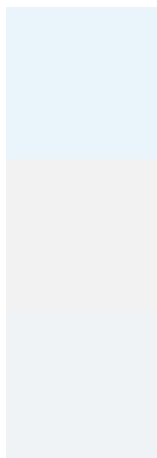
Deuteranomaly

86.7732, 88.9965, 103.0471

Tritanomaly

84.5321, 89.0898, 106.5067

Monochromacy



Original Color

83.3675, 88.9900, 104.0496

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.1286, 89.0445, 99.1395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3675, 88.9900, 104.0496 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(233, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(233, 244, 251)  
}
```

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(233, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 244, 251) }
```

Border

The CSS property to change the border of an element to XYZ 83.3675, 88.9900, 104.0496 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(233, 244, 251) }
```


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

```
.border{ border-color:rgb(233, 244, 251) }
```

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

Here you see how a box with a 4 pixel rgb(233, 244, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(233, 244,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3675, 88.9900, 104.0496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 244, 251) }
```

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

```
.background{ background-color: rgb(233,  
244, 251) }
```

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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