

Converting Colors

XYZ(64.8508, 70.3045, 96.5383)

Have a look what the booklet for
XYZ(64.8508, 70.3045, 96.5383)
contains.

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Color

**XYZ(64.8508, 70.3045,
96.5383)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DEF5
RGB	194, 222, 245
RGB Percent	76%, 87%, 96%
CMY	0.2392, 0.1294, 0.0392
CMYK	0.21, 0.09, 0.00, 0.04
HSL	207°, 72%, 86%
HSV	207°, 21%, 96%
XYZ	64.8508, 70.3045, 96.5383
YIQ	216.2500, -24.0710, 1.2170

Conversions

Conversions Part 2

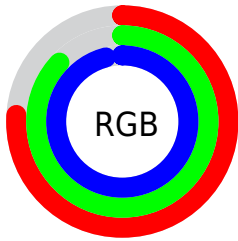
Format	Color
R_{YB}	194, 212, 245
Decimal	12771061
CIE _{Lab}	87.15, -4.42, -14.30
CIE _{LCh}	87, 14.965, 252.837
Yxy	70.3045, 0.2799, 0.3034
Android (android.graphics.Color)	4290961141 (0xFFC2DEF5)
YUV	216.2500, 14.1738, -19.5132
Hunter-Lab	83.8478, -8.6755, -9.5702

Details

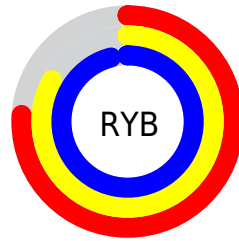
The XYZ color **64.8508, 70.3045, 96.5383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2072, 72.9331, 61.3121**, and the grayscale version is **65.3605, 68.7643, 74.8844**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **33.8192, 36.8870, 53.4816** is the 20% darker color. If you saturate the color by 10%, you get **56.2354, 61.6505, 95.3231**, and if you desaturate by 10%, it is **74.6994, 79.8832, 97.8692**.

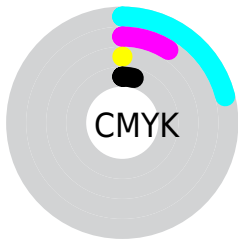
Distribution



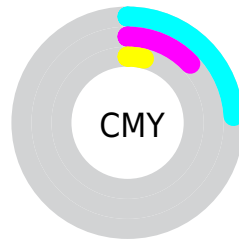
- Red (76%)
- Green (87%)
- Blue (96%)



- Red (76%)
- Yellow (83%)
- Blue (96%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8508, 70.3045, 96.5383 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 64.8508, 70.3045, 96.5383 by changing the saturation by 10% instead.

■ 64.8508, 70.3045,
96.5383

■ 64.8508, 70.3045,
96.5383

431.8093,
461.6184, 570.1877

■ 47.6044, 51.7748,
72.8120

■ 110.9022,
119.6429, 158.4019

■ 33.7236, 36.8256,
53.3314

140.4379,
151.2204, 197.3764

■ 22.8432, 25.0725,
37.6778

174.8008,
187.9159, 242.2706

■ 14.5979, 16.1311,
25.4329

214.3561,
230.1140, 293.5032

■ 8.6221, 9.6170,
16.1779

259.4692,
278.1988, 351.4926

■ 4.5507, 5.1457,
9.4944

310.5056,

■ 2.0181, 2.3330,

332.5549, 416.6575

4.9639

367.8305,
393.5667, 489.4164

■ 0.6441, 0.7911,
2.1677

■ 0.0000, 0.0000,
0.6556

■ 64.8508, 70.3045,
96.5383

■ 64.8508, 70.3045,
96.5383

■ 56.2354, 61.6505,
95.3231

■ 74.6994, 79.8832,
97.8692

■ 48.7923, 53.8792,
94.2154

■ 85.8255, 90.4095,
99.3146

■ 42.4650, 46.9574,
93.2129

■ 93.4816, 99.3727,
100.6412

■ 37.1891, 40.8463,
92.3114

■ 32.8931, 35.5031,
91.5065

■ 29.4953, 30.8796,
90.7931

■ 26.8989, 26.9193,
90.1656

■ 25.0794, 23.7882,
89.6571

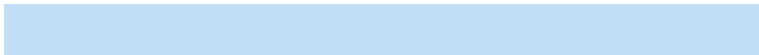
Harmonies

Analogous

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



61.9954, 70.3045, 90.4549



64.8508, 70.3045, 96.5383



68.3327, 70.3045, 96.9798

Triad

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



64.8508, 70.3045, 96.5383



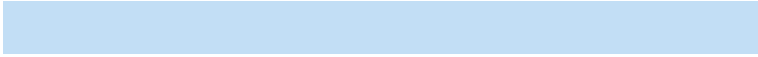
73.6196, 70.3045, 72.3360



62.3387, 70.3045, 63.2352

Complementary

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



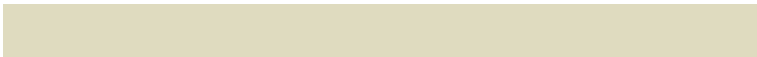
64.8508, 70.3045, 96.5383



72.2072, 72.9331, 61.3121

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.



65.3344, 70.3045, 59.2114



64.8508, 70.3045, 96.5383



71.8935, 70.3045, 64.1479

Square

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



64.8508, 70.3045, 96.5383



73.4791, 70.3045, 82.3952



68.8334, 70.3045, 59.5301



60.5802, 70.3045, 70.9874

Rectangle

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



64.8508, 70.3045, 96.5383



70.5484, 70.3045, 93.9619



68.8334, 70.3045, 59.5301



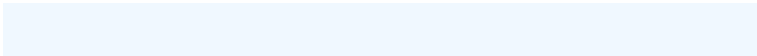
63.2298, 70.3045, 61.4335

Sweetspot

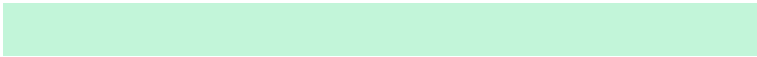
The Sweet Spot groups the original color and five complimentary colors.



64.8529, 70.3074, 96.5399



87.4818, 92.8896, 107.9264



67.4197, 81.7826, 77.8451



18.5551, 19.7215, 23.0786



0.0000, 0.0000, 0.0000



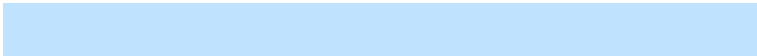
20.3446, 21.4041, 23.3091

Same Dimension

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



64.8529, 70.3074, 96.5399



66.8642, 72.8595, 105.1469



58.5951, 57.7918, 94.4540



16.3354, 17.4351, 21.0469



13.6510, 13.0957, 48.3463



1.3024, 1.3562, 4.2834

Inverse Universe

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



70.1344, 63.2715, 77.6267



73.6877, 64.1357, 80.6297



79.2812, 87.0812, 63.6701



16.8799, 16.6348, 19.1140



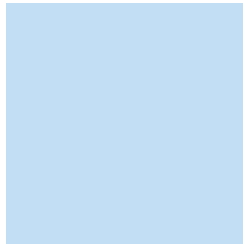
22.6949, 11.4214, 13.6336



2.0464, 1.0245, 1.4709

Previews

White Background



This preview shows how the XYZ color 64.8508, 70.3045, 96.5383 looks on a white background.

Color Contrast Check

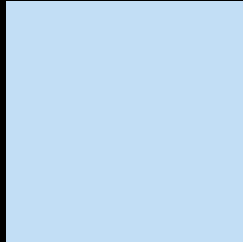
Large Text (above 18pt) WCAG AA × Fail

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 64.8508, 70.3045, 96.5383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

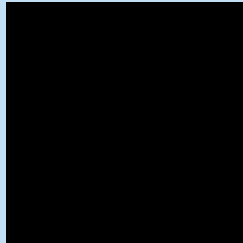
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

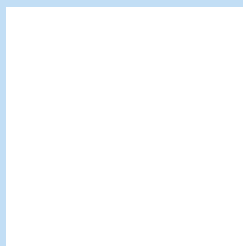
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8508, 70.3045, 96.5383

Background



This preview shows how black text looks on a background with the XYZ color 64.8508, 70.3045, 96.5383.



This preview shows how white text looks on a background with the XYZ color 64.8508, 70.3045,

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

64.8508, 70.3045, 96.5383

Protanopia

68.4574, 69.9097, 93.1049

Deuteranopia

71.3833, 69.8099, 97.7080



Tritanopia

64.1082, 70.4041, 92.6486

Trichromacy



Original Color

64.8508, 70.3045, 96.5383

Protanomaly

66.8305, 69.8190, 93.9585

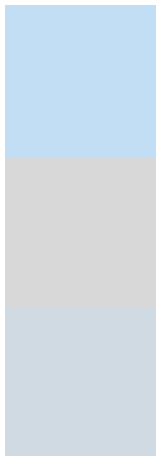
Deuteranomaly

68.9220, 70.0617, 97.0795

Tritanomaly

64.4070, 70.5236, 94.2222

Monochromacy



Original Color

64.8508, 70.3045, 96.5383

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9490, 69.0988, 82.5873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8508, 70.3045, 96.5383 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(194, 222, 245)` looks like.

```
.text, #text, p{  
    color:rgb(194, 222, 245)  
}
```

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(194, 222, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 222, 245) }
```

Border

The CSS property to change the border of an element to XYZ 64.8508, 70.3045, 96.5383 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(194, 222, 245) }
```


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

```
.border{ border-color:rgb(194, 222, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 222, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 222, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 222, 245);  
box-shadow:4px 4px 4px 4px rgb(194, 222,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8508, 70.3045, 96.5383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 222, 245) }
```

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

```
.background{ background-color: rgb(194,  
222, 245) }
```

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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