

Converting Colors

XYZ(68.1404, 75.4813, 84.6545)

Have a look what the booklet for
XYZ(68.1404, 75.4813, 84.6545)
contains.

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Color

**XYZ(68.0325, 75.4605,
84.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE6E4
RGB	207, 230, 228
RGB Percent	81%, 90%, 89%
CMY	0.1882, 0.0980, 0.1059
CMYK	0.10, 0.00, 0.01, 0.10
HSL	175°, 32%, 86%
HSV	175°, 10%, 90%
XYZ	68.0325, 75.4605, 84.3784
YIQ	222.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

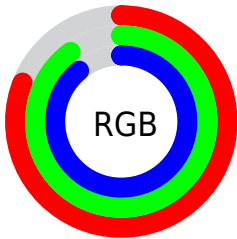
Format	Color
R_{YB}	207, 219, 230
Decimal	13625060
CIE _{Lab}	89.61, -7.95, -1.62
CIE _{LCh}	90, 8.109, 191.535
Yxy	75.4605, 0.2986, 0.3312
Android (android.graphics.Color)	4291815140 (0xFFCFE6E4)
YUV	222.8950, 2.5168, -13.9399
Hunter-Lab	86.8680, -12.2230, 3.2168

Details

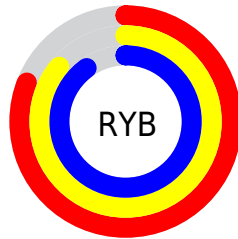
The XYZ color **68.0325, 75.4605, 84.3784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4573, 66.0540, 69.5720**, and the grayscale version is **70.0558, 73.7042, 80.2639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0097, 40.4494, 45.4448** is the 20% darker color. If you saturate the color by 10%, you get **61.7929, 72.2779, 82.6444**, and if you desaturate by 10%, it is **75.2157, 79.1333, 86.1765**.

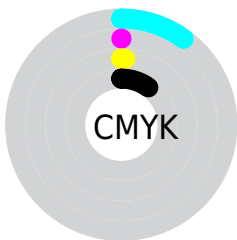
Distribution



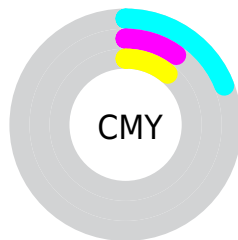
- Red (81%)
- Green (90%)
- Blue (89%)



- Red (81%)
- Yellow (86%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0325, 75.4605, 84.3784 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 68.0325, 75.4605, 84.3784 by changing the saturation by 10% instead.

■ 68.0325, 75.4605,
84.3784

■ 68.0325, 75.4605,
84.3784

442.9861,
479.4989, 529.6598

■ 50.1979, 55.9902,
62.7807

115.4403,
126.9640, 141.3708

■ 35.7891, 40.1951,
45.2240

145.7442,
159.7660, 177.6026

■ 24.4407, 27.6907,
31.2896

180.9354,
197.7808, 219.5495

■ 15.7874, 18.0926,
20.5592

221.3790,
241.3926, 267.6301

■ 9.4637, 11.0165,
12.6141

267.4406,
290.9859, 322.2629

■ 5.1044, 6.0779,
7.0358

319.4854,

■ 2.3440, 2.8925,

346.9452, 383.8664

3.4057

377.8787,
409.6547, 452.8592

■ 0.8171, 1.0759,
1.3053

■ 0.0000, 0.0000,
0.0661

■ 68.0325, 75.4605,
84.3784

■ 68.0325, 75.4605,
84.3784

■ 61.7929, 72.2779,
82.6444

■ 75.2157, 79.1333,
86.1765

■ 56.4502, 69.5552,
80.9676


■ 83.3739, 83.3063,
88.0355


■ 51.9632, 67.2733,
79.3476

■ 84.3912, 83.7977,
89.5773


■ 48.2851, 65.4080,
77.7821


■ 84.6807, 83.9135,
91.1020


 45.3647, 63.9329,
76.2686


 84.9736, 84.0306,
92.6439

 43.1447, 62.8186,
74.8045


 85.2696, 84.1491,
94.2031

 41.5597, 62.0312,
73.3866

 85.5690, 84.2688,
95.7796

 40.5320, 61.5308,
72.0111

 85.8717, 84.3899,
97.3734

 39.9276, 61.2482,
70.6721

 86.1777, 84.5123,
98.9846

Harmonies

Analogous

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



68.1483, 75.4605, 78.7356



68.0325, 75.4605, 84.3784



68.8918, 75.4605, 89.6597

Triad

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



68.0325, 75.4605, 84.3784



74.2947, 75.4605, 90.6579



72.9438, 75.4605, 72.1849

Complementary

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



68.0325, 75.4605, 84.3784



66.4573, 66.0540, 69.5720

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.



74.6306, 75.4605, 75.0975



68.0325, 75.4605, 84.3784



75.4204, 75.4605, 85.6898

Square

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



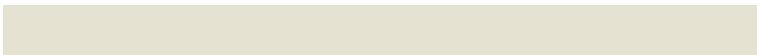
68.0325, 75.4605, 84.3784



72.4922, 75.4605, 93.3956



75.5445, 75.4605, 79.9880



70.9592, 75.4605, 71.8704

Rectangle

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



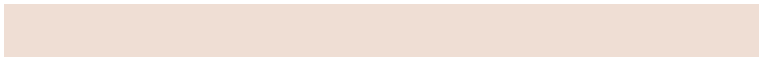
68.0325, 75.4605, 84.3784



69.9115, 75.4605, 92.1968



75.5445, 75.4605, 79.9880



73.5654, 75.4605, 72.8861

Sweetspot

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



68.0347, 75.4637, 84.3801



92.1842, 98.5350, 108.2069



65.9410, 74.7010, 69.9758



19.5713, 21.0088, 23.1213



0.0000, 0.0000, 0.0000



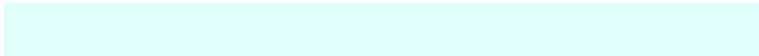
20.3446, 21.4041, 23.3091

Same Dimension

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



68.0347, 75.4637, 84.3801



84.2484, 94.4808, 106.1701



65.8209, 70.5884, 85.0225



14.7505, 16.3136, 18.2166



22.6267, 34.6828, 40.1300



1.6880, 2.5693, 3.0498

Inverse Universe

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



66.4573, 66.0540, 69.5720



81.8774, 80.3362, 83.9113



68.5054, 70.5448, 69.0384



14.4277, 14.3883, 15.1867



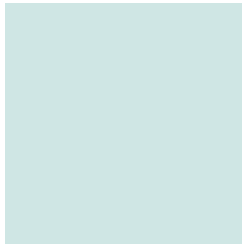
18.5652, 9.5603, 1.3395



1.3896, 0.7135, 0.1920

Previews

White Background



This preview shows how the XYZ color 68.0325, 75.4605, 84.3784 looks on a white background.

Color Contrast Check

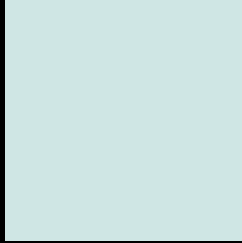
Large Text (above 18pt) WCAG AA × Fail

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 68.0325, 75.4605, 84.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

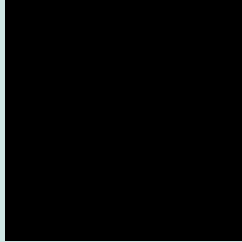
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

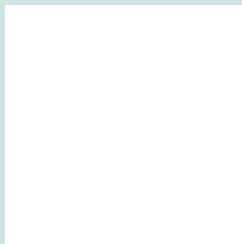
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0325, 75.4605, 84.3784

Background



This preview shows how black text looks on a background with the XYZ color 68.0325, 75.4605, 84.3784.



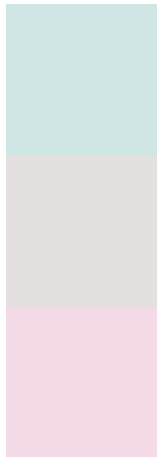
This preview shows how white text looks on a background with the XYZ color 68.0325, 75.4605,

84.3784.

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

68.0325, 75.4605, 84.3784

Protanopia

72.4233, 75.3511, 81.2481

Deuteranopia

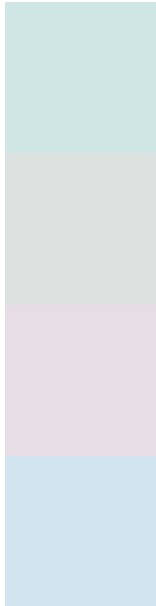
76.6626, 75.0891, 85.3160



Tritanopia

70.5289, 75.2324, 97.1902

Trichromacy



Original Color

68.0325, 75.4605, 84.3784

Protanomaly

70.6058, 75.2011, 82.0281

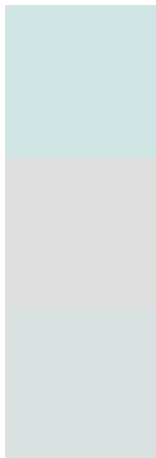
Deuteranomaly

73.2191, 74.8886, 84.7246

Tritanomaly

69.6179, 75.2741, 92.5215

Monochromacy



Original Color

68.0325, 75.4605, 84.3784

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.4022, 74.5807, 81.9718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0325, 75.4605, 84.3784 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(207, 230, 228)` looks like.

```
.text, #text, p{  
    color:rgb(207, 230, 228)  
}
```

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(207, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 230, 228) }
```

Border

The CSS property to change the border of an element to XYZ 68.0325, 75.4605, 84.3784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

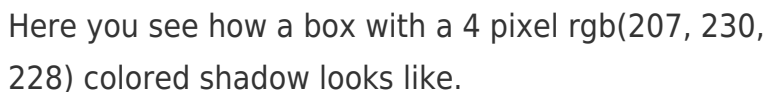
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 230, 228) }
```


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

```
.border{ border-color:rgb(207, 230, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 230, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 230, 228); box-shadow:4px 4px 4px 4px rgb(207, 230, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0325, 75.4605, 84.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 230, 228) }
```

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

```
.background{ background-color: rgb(207,  
230, 228) }
```

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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