

Converting Colors

XYZ(65.6749, 71.6563, 77.3695)

Have a look what the booklet for
XYZ(65.6749, 71.6563, 77.3695)
contains.

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Color

**XYZ(65.4684, 71.4451,
77.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DFDB
RGB	209, 223, 219
RGB Percent	82%, 87%, 86%
CMY	0.1804, 0.1255, 0.1412
CMYK	0.06, 0.00, 0.02, 0.13
HSL	163°, 18%, 85%
HSV	163°, 6%, 87%
XYZ	65.4684, 71.4451, 77.3576
YIQ	218.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

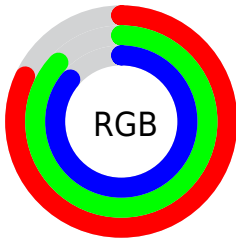
Format	Color
R _Y B	209, 217, 223
Decimal	13754331
CIE Lab	87.70, -5.41, 0.33
CIE LCh	88, 5.425, 176.480
Yxy	71.4451, 0.3055, 0.3334
Android (android.graphics.Color)	4291944411 (0xFFD1DFDB)
YUV	218.3580, 0.3165, -8.2070
Hunter-Lab	84.5252, -9.6632, 4.9053

Details

The XYZ color **65.4684, 71.4451, 77.3576** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2448, 66.0950, 72.2731**, and the grayscale version is **66.8907, 70.3742, 76.6375**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2210, 37.6542, 40.5863** is the 20% darker color. If you saturate the color by 10%, you get **58.7724, 68.0903, 72.7474**, and if you desaturate by 10%, it is **73.0838, 75.2741, 82.1816**.

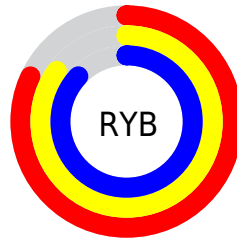
Distribution



Red (82%)

Green (87%)

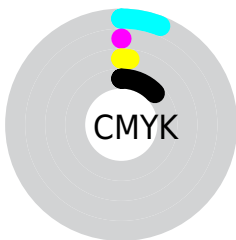
Blue (86%)



Red (82%)

Yellow (85%)

Blue (87%)

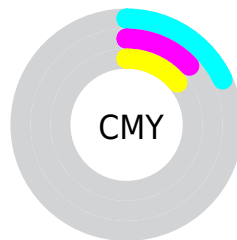


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (13%)



Cyan (18%)

Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4684, 71.4451, 77.3576 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 65.4684, 71.4451, 77.3576 by changing the saturation by 10% instead.

■ 65.4684, 71.4451,
77.3576

■ 65.4684, 71.4451,
77.3576

433.9919,
465.6079, 505.4524

■ 48.1071, 52.7055,
57.0331

111.7850,
121.2673, 131.4218

■ 34.1233, 37.5677,
40.6223

141.4709,
153.1187, 165.9985

■ 23.1517, 25.6474,
27.7066

175.9959,
190.1094, 206.1631

■ 14.8269, 16.5600,
17.8675

215.7251,
232.6240, 252.3341

■ 8.7835, 9.9213,
10.6864

261.0239,
281.0467, 304.9299

■ 4.6562, 5.3468,
5.7449

312.2578,

■ 2.0797, 2.4521,

335.7620, 364.3692

2.6243

369.7920,
397.1543, 431.0706

■ 0.6781, 0.8525,
0.9050

■ 0.0000, 0.0000,
0.0000

■ 65.4684, 71.4451,
77.3576

■ 65.4684, 71.4451,
77.3576

■ 58.7724, 68.0903,
72.7474

■ 73.0838, 75.2741,
82.1816

■ 52.9528, 65.1817,
68.3428


■ 81.6472, 79.5861,
87.2181


■ 47.9723, 62.7020,
64.1415


■ 83.0804, 80.2186,
92.0924


■ 43.7885, 60.6294,
60.1397

■ 84.0347, 80.6003,
97.1175


 40.3551, 58.9401,
56.3332


 85.0225, 80.9954,
102.3192

 37.6210, 57.6078,
52.7177

 85.6790, 81.2580,
105.7763

 35.5283, 56.6027,
49.2885

 34.0097, 55.8902,
46.0403

 32.9809, 55.4268,
42.9670

Harmonies

Analogous

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



65.8659, 71.4451, 73.9464



65.4684, 71.4451, 77.3576



65.7173, 71.4451, 80.9917

Triad

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



65.4684, 71.4451, 77.3576



69.0148, 71.4451, 84.3034



69.2810, 71.4451, 72.0363

Complementary

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



65.4684, 71.4451, 77.3576



65.2448, 66.0950, 72.2731

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.



70.1436, 71.4451, 74.6768



65.4684, 71.4451, 77.3576



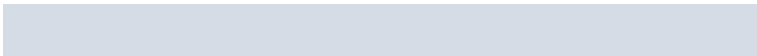
69.9886, 71.4451, 81.7678

Square

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



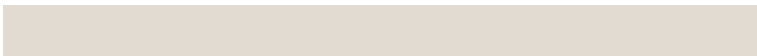
65.4684, 71.4451, 77.3576



67.7547, 71.4451, 85.0754



70.4042, 71.4451, 78.2272



68.0583, 71.4451, 70.9359

Rectangle

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



65.4684, 71.4451, 77.3576



66.2180, 71.4451, 83.0400



70.4042, 71.4451, 78.2272



69.6233, 71.4451, 72.7691

Sweetspot

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



65.4704, 71.4481, 77.3592



92.9646, 98.9520, 107.5817



65.3973, 71.5580, 70.6881



19.9201, 21.1908, 23.0408



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.



65.4704, 71.4481, 77.3592



87.0141, 95.9642, 103.6967



65.2618, 70.1773, 79.9214



13.9408, 15.5020, 16.7233



19.2588, 32.5284, 24.8834



1.3729, 2.2699, 1.9248

Inverse Universe

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



65.2448, 66.0950, 72.2731



86.6264, 86.7649, 94.9566



65.4359, 67.2806, 69.8604



13.8675, 13.7647, 15.0727



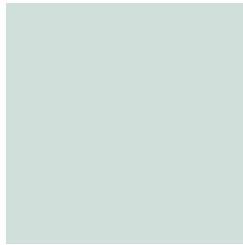
18.4755, 9.4572, 3.9035



1.3185, 0.6707, 0.4702

Previews

White Background



This preview shows how the XYZ color 65.4684, 71.4451, 77.3576 looks on a white background.

Color Contrast Check

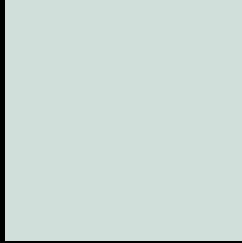
Large Text (above 18pt) WCAG AA × Fail

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 65.4684, 71.4451, 77.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

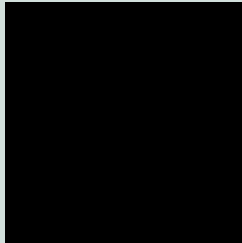
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

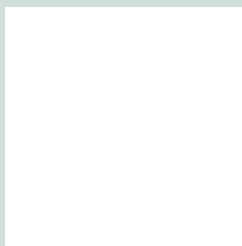
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4684, 71.4451, 77.3576

Background



This preview shows how black text looks on a background with the XYZ color 65.4684, 71.4451, 77.3576.

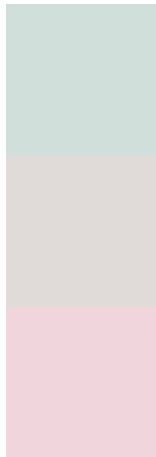


This preview shows how white text looks on a background with the XYZ color 65.4684, 71.4451,

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

65.4684, 71.4451, 77.3576

Protanopia

68.4667, 71.4682, 75.1519

Deuteranopia

72.7806, 71.3342, 78.3395



Tritanopia

68.1772, 71.3565, 91.0688

Trichromacy



Original Color

65.4684, 71.4451, 77.3576

Protanomaly

67.3310, 71.2562, 75.8507

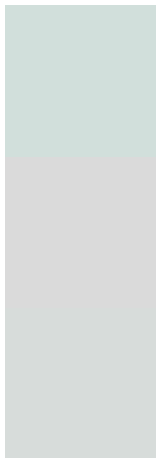
Deuteranomaly

70.0442, 71.4510, 77.8098

Tritanomaly

67.1442, 71.3313, 85.8307

Monochromacy



Original Color

65.4684, 71.4451, 77.3576

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.2724, 70.6954, 76.4823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4684, 71.4451, 77.3576 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(209, 223, 219) looks like.

```
.text, #text, p{  
    color:rgb(209, 223, 219)  
}
```

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(209, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.4684, 71.4451, 77.3576 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(209, 223, 219) }
```


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

```
.border{ border-color:rgb(209, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(209, 223,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4684, 71.4451, 77.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 223, 219) }
```

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

```
.background{ background-color: rgb(209,  
223, 219) }
```

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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