

Converting Colors

XYZ(68.8872, 75.5500, 81.9499)

Have a look what the booklet for
XYZ(68.8872, 75.5500, 81.9499)
contains.

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Color

**XYZ(69.0505, 75.6210,
82.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E5E1
RGB	213, 229, 225
RGB Percent	84%, 90%, 88%
CMY	0.1647, 0.1019, 0.1176
CMYK	0.07, 0.00, 0.02, 0.10
HSL	165°, 24%, 87%
HSV	165°, 7%, 90%
XYZ	69.0505, 75.6210, 82.1911
YIQ	223.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

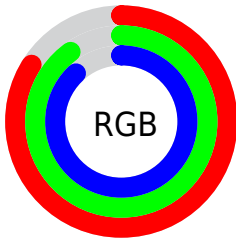
Format	Color
R _Y B	213, 222, 229
Decimal	14018017
CIE Lab	89.68, -6.05, 0.11
CIE LCh	90, 6.049, 178.970
Yxy	75.6210, 0.3044, 0.3333
Android (android.graphics.Color)	4292208097 (0xFFD5E5E1)
YUV	223.7600, 0.6113, -9.4365
Hunter-Lab	86.9603, -10.4434, 4.8339

Details

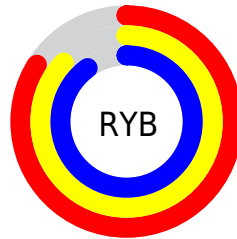
The XYZ color **69.0505, 75.6210, 82.1911** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6345, 69.2583, 75.4000**, and the grayscale version is **70.6820, 74.3630, 80.9813**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4923, 40.4435, 43.9132** is the 20% darker color. If you saturate the color by 10%, you get **62.1033, 72.1305, 77.8555**, and if you desaturate by 10%, it is **76.9661, 79.6119, 86.7121**.

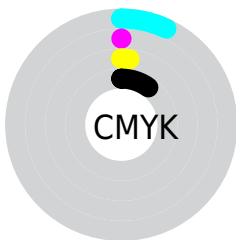
Distribution



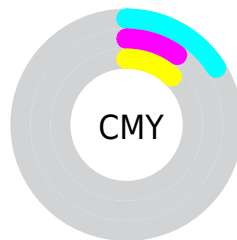
- Red (84%)
- Green (90%)
- Blue (88%)



- Red (84%)
- Yellow (87%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0505, 75.6210, 82.1911 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 69.0505, 75.6210, 82.1911 by changing the saturation by 10% instead.

■ 69.0505, 75.6210,
82.1911

■ 69.0505, 75.6210,
82.1911

446.5277,
480.0493, 522.1869

■ 51.0296, 56.1218,
60.9863

116.8874,
127.1910, 138.2810

■ 36.4533, 40.3006,
43.7837

147.4341,
160.0306, 174.0033

■ 24.9562, 27.7730,
30.1645

182.8868,
198.0858, 215.4018

■ 16.1730, 18.1546,
19.7104

223.6109,
241.7410, 262.8951

■ 9.7383, 11.0610,
12.0027

269.9716,
291.3805, 316.9017

■ 5.2867, 6.1079,
6.6230

322.3344,

■ 2.4529, 2.9108,

347.3888, 377.8402

3.1526

381.0647,
410.1503, 446.1291

■ 0.8716, 1.0853,
1.1731

■ 0.0000, 0.0000,
0.0000

■ 69.0505, 75.6210,
82.1911

■ 69.0505, 75.6210,
82.1911

■ 62.1033, 72.1305,
77.8555

■ 76.9661, 79.6119,
86.7121

■ 56.0789, 69.1106,
73.6971

■ 84.4679, 83.3844,
91.3503

■ 50.9372, 66.5428,
69.7143

■ 85.3161, 83.7236,
95.8167

■ 46.6328, 64.4037,
65.9035

■ 86.1912, 84.0737,
100.4251

■ 43.1162, 62.6678,
62.2612

■ 87.0936, 84.4346,
105.1768

■ 40.3324, 61.3068,
58.7832

■ 87.3107, 84.5215,
106.3202

■ 38.2194, 60.2887,
55.4652

■ 36.7041, 59.5760,
52.3025

■ 35.6926, 59.1202,
49.2891

Harmonies

Analogous

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



69.4498, 75.6210, 78.1832



69.0505, 75.6210, 82.1911



69.3995, 75.6210, 86.3744

Triad

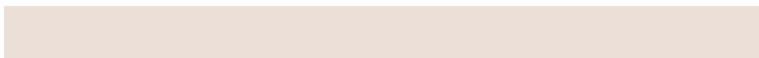
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0505, 75.6210, 82.1911



73.2713, 75.6210, 89.7230



73.3616, 75.6210, 75.5096

Complementary

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



69.0505, 75.6210, 82.1911



68.6345, 69.2583, 75.4000

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.



74.4097, 75.6210, 78.4301



69.0505, 75.6210, 82.1911



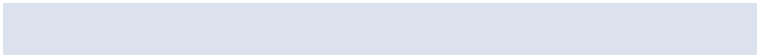
74.3571, 75.6210, 86.6383

Square

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



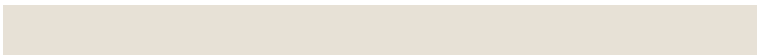
69.0505, 75.6210, 82.1911



71.8240, 75.6210, 90.8125



74.7765, 75.6210, 82.4859



71.9270, 75.6210, 74.4086

Rectangle

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



69.0505, 75.6210, 82.1911



70.0122, 75.6210, 88.6806



74.7765, 75.6210, 82.4859



73.7715, 75.6210, 76.3060

Sweetspot

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



69.0526, 75.6242, 82.1928



92.9937, 98.9636, 107.7351



68.7266, 75.6387, 73.9294



19.9260, 21.1931, 23.0720



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.



69.0526, 75.6242, 82.1928



87.1281, 96.0098, 104.2970



68.5832, 73.8009, 84.7628



14.6453, 16.2715, 17.6629



20.3123, 33.7570, 27.9427



1.5376, 2.5092, 2.2575

Inverse Universe

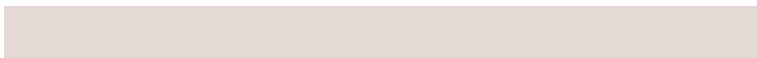
The Inverse Universe completely reimagines the original color for something new.



68.6345, 69.2583, 75.4000



86.5181, 86.7215, 94.3862



69.0700, 70.9527, 73.0068



14.5241, 14.4268, 15.6946



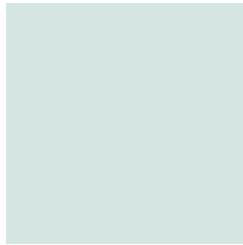
18.9421, 9.7111, 3.3240



1.4363, 0.7322, 0.4383

Previews

White Background



This preview shows how the XYZ color 69.0505, 75.6210, 82.1911 looks on a white background.

Color Contrast Check

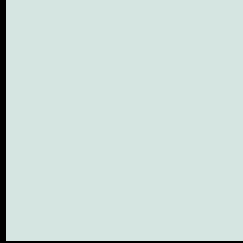
Large Text (above 18pt) WCAG AA × Fail

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 69.0505, 75.6210, 82.1911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

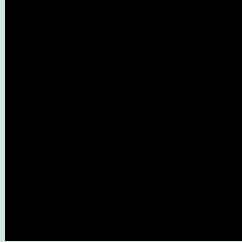
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

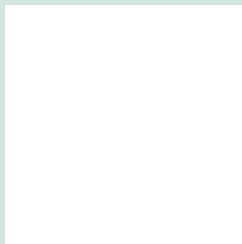
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0505, 75.6210, 82.1911

Background



This preview shows how black text looks on a background with the XYZ color 69.0505, 75.6210, 82.1911.

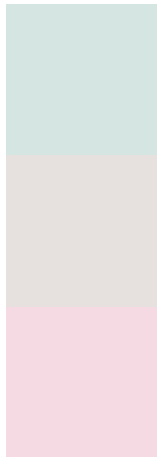


This preview shows how white text looks on a background with the XYZ color 69.0505, 75.6210,

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

69.0505, 75.6210, 82.1911

Protanopia

72.4736, 75.4082, 79.8427

Deuteranopia

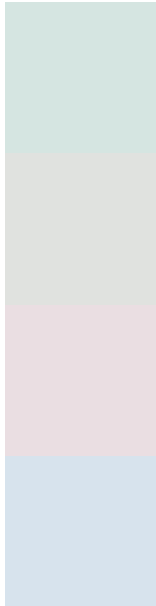
76.9426, 75.2817, 83.1486



Tritanopia

71.8444, 75.5233, 96.3788

Trichromacy



Original Color

69.0505, 75.6210, 82.1911

Protanomaly

71.2561, 75.5677, 80.6425

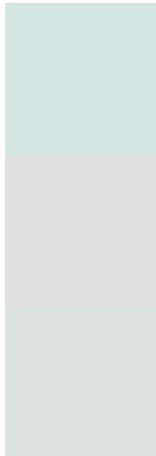
Deuteranomaly

73.7804, 75.2260, 82.5829

Tritanomaly

70.7795, 75.4997, 90.9632

Monochromacy



Original Color

69.0505, 75.6210, 82.1911

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.1661, 74.9902, 81.2974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0505, 75.6210, 82.1911 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(213, 229, 225) looks like.

```
.text, #text, p{  
    color:rgb(213, 229, 225)  
}
```

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(213, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 229, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.0505, 75.6210, 82.1911 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(213, 229, 225) }
```


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

```
.border{ border-color:rgb(213, 229, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 229, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 229, 225); box-shadow:4px 4px 4px 4px rgb(213, 229, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0505, 75.6210, 82.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 229, 225) }
```

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

```
.background{ background-color: rgb(213,  
229, 225) }
```

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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