

Converting Colors

XYZ(66.1839, 72.6572, 75.5017)

Have a look what the booklet for
XYZ(66.1839, 72.6572, 75.5017)
contains.

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Color

**XYZ(66.1839, 72.6572,
75.5017)**

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | D3E1D8 |
| RGB | 211, 225, 216 |
| RGB Percent | 83%, 88%, 85% |
| CMY | 0.1725, 0.1176, 0.1529 |
| CMYK | 0.06, 0.00, 0.04, 0.12 |
| HSL | 141°, 19%, 85% |
| HSV | 141°, 6%, 88% |
| XYZ | 66.1839, 72.6572, 75.5017 |
| YIQ | 219.7880, -5.4550, -5.7670 |

Conversions

Conversions Part 2

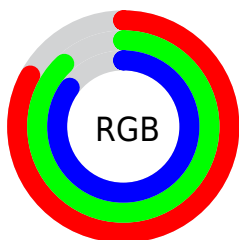
| Format | Color |
|-------------------------------------|--|
| RYB | 211, 221, 225 |
| Decimal | 13885912 |
| CIELab | 88.28, -6.33, 2.78 |
| CIELCh | 88, 6.908, 156.296 |
| Yxy | 72.6572, 0.3088, 0.3390 |
| Android (android.graphics.Color) | 4292075992 (0xFFD3E1D8) |
| YUV | 219.7880, -1.8675, -7.7071 |
| Hunter-Lab | 85.2392, -10.5724, 7.1506 |

Details

The XYZ color **66.1839, 72.6572, 75.5017** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2666, 67.7653, 77.2485**, and the grayscale version is **67.8968, 71.4327, 77.7902**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5180, 38.3906, 39.3090** is the 20% darker color. If you saturate the color by 10%, you get **58.3950, 68.8506, 65.8005**, and if you desaturate by 10%, it is **75.0439, 77.0010, 86.1157**.

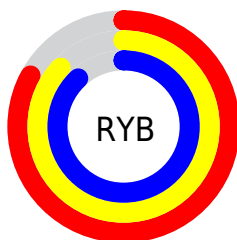
Distribution



Red (83%)

Green (88%)

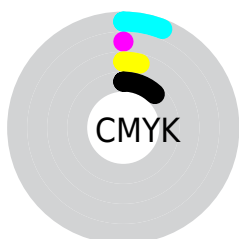
Blue (85%)



Red (83%)

Yellow (87%)

Blue (88%)

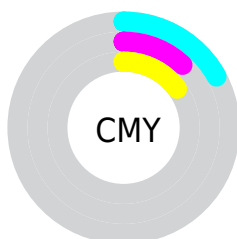


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (17%)


Magenta (12%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1839, 72.6572, 75.5017 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 66.1839, 72.6572, 75.5017 by changing the saturation by 10% instead.


 66.1839, 72.6572,
75.5017

 66.1839, 72.6572,
75.5017


436.5126,
469.8259, 498.9416

 48.6900, 53.6957,
55.5198


112.8065,
122.9904, 128.7759

 34.5871, 38.3584,
39.4166


142.6659,
155.1310, 162.9053

 23.5100, 26.2610,
26.7737

177.3778,
192.4333, 202.5876

 15.0933, 17.0190,
17.1724

217.3076,
235.2818, 248.2413

 8.9716, 10.2480,
10.1942

262.8206,
284.0610, 300.2851

 4.7797, 5.5637,
5.4206


314.2822,


 2.1520, 2.5817,


339.1551, 359.1373


2.4331


372.0577,
400.9486, 425.2166


 0.7172, 0.9175,
0.8044


 0.0000, 0.0000,
0.0000


 66.1839, 72.6572,
75.5017


 66.1839, 72.6572,
75.5017


 58.3950, 68.8506,
65.8005

 75.0439, 77.0010,
86.1157

 51.6296, 65.5510,
56.9834

 84.6381, 81.7018,
97.6434

 45.8454, 62.7393,
49.0268

 86.2166, 82.3332,
105.9555

 40.9949, 60.3914,
41.9045

■ 37.0263, 58.4812,
35.5891

■ 33.8828, 56.9800,
30.0514

■ 31.5004, 55.8554,
25.2605

■ 29.8048, 55.0698,
21.1832

■ 28.7047, 54.5767,
17.7835

Harmonies

Analogous

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



67.1908, 72.6572, 71.9870



66.1839, 72.6572, 75.5017



65.9417, 72.6572, 80.1155

Triad

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



66.1839, 72.6572, 75.5017



69.4082, 72.6572, 88.5258



71.6567, 72.6572, 73.8352

Complementary

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



66.1839, 72.6572, 75.5017



67.2666, 67.7653, 77.2485

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.



72.2719, 72.6572, 78.1156



66.1839, 72.6572, 75.5017



70.9605, 72.6572, 86.6909

Square

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



66.1839, 72.6572, 75.5017



67.7863, 72.6572, 87.7581



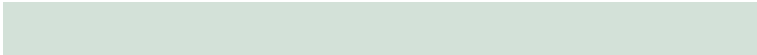
72.0151, 72.6572, 82.8342



70.3465, 72.6572, 71.0521

Rectangle

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



66.1839, 72.6572, 75.5017



66.2431, 72.6572, 83.2202



72.0151, 72.6572, 82.8342



71.9526, 72.6572, 75.1400

Sweetspot

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



66.1859, 72.6603, 75.5033



92.6750, 98.8361, 106.0566



68.2314, 73.7883, 72.2755



19.8612, 21.1672, 22.7304



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.



66.1859, 72.6603, 75.5033



86.9920, 96.0531, 99.1641



67.0975, 73.0249, 80.3034



14.0594, 15.5789, 16.0189



16.4078, 31.3880, 9.8703



1.1790, 2.1923, 0.9037

Inverse Universe

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



67.2666, 67.7653, 77.2485



88.6083, 88.7316, 101.7743



66.3709, 67.4070, 72.5316



14.3402, 14.3070, 16.4724



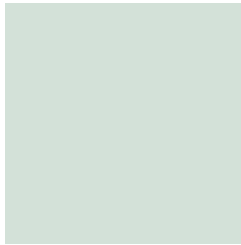
20.8810, 10.4194, 16.5711



1.4896, 0.7391, 1.3709

Previews

White Background



This preview shows how the XYZ color 66.1839, 72.6572, 75.5017 looks on a white background.

Color Contrast Check

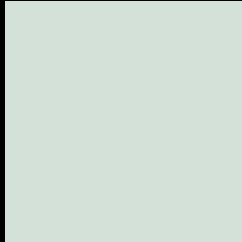
Large Text (above 18pt) WCAG AA × Fail

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 66.1839, 72.6572, 75.5017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

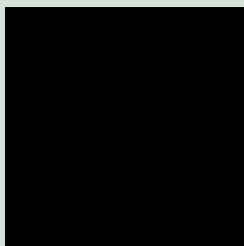
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

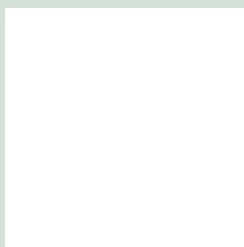
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1839, 72.6572, 75.5017

Background



This preview shows how black text looks on a background with the XYZ color 66.1839, 72.6572, 75.5017.

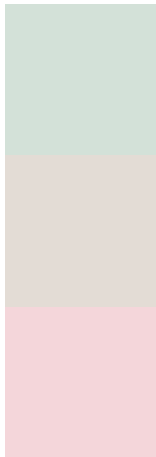


This preview shows how white text looks on a background with the XYZ color 66.1839, 72.6572,

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

66.1839, 72.6572, 75.5017

Protanopia

69.2820, 72.3214, 73.2587

Deuteranopia

74.0097, 72.3882, 76.4013



Tritanopia

69.7256, 72.9216, 92.0617

Trichromacy

| | |
|--|--|
| | Original Color 66.1839, 72.6572, 75.5017 |
| | Protanomaly 68.0777, 72.4697, 74.0183 |
| | Deuteranomaly 70.8745, 72.3084, 75.8671 |
| | Tritanomaly 68.5430, 72.8410, 86.0484 |

Monochromacy

| | |
|--|--|
| | Original Color 66.1839, 72.6572, 75.5017 |
| | Achromatopsia 68.0267, 71.5694, 77.9390 |
| | Achromatomaly 67.5227, 72.1087, 77.3774 |

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1839, 72.6572, 75.5017 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(211, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(211, 225, 216)  
}
```

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(211, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 225, 216) }
```

Border

The CSS property to change the border of an element to XYZ 66.1839, 72.6572, 75.5017 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(211, 225, 216) }
```


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

```
.border{ border-color:rgb(211, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 225,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1839, 72.6572, 75.5017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 225, 216) }
```

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

```
.background{ background-color: rgb(211,  
225, 216) }
```

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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