

Converting Colors

XYZ(65.9248, 72.6400, 75.8134)

Have a look what the booklet for
XYZ(65.9248, 72.6400, 75.8134)
contains.

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Color

**XYZ(65.8982, 72.5099,
75.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E1D8
RGB	210, 225, 216
RGB Percent	82%, 88%, 85%
CMY	0.1765, 0.1176, 0.1529
CMYK	0.07, 0.00, 0.04, 0.12
HSL	144°, 20%, 85%
HSV	144°, 7%, 88%
XYZ	65.8982, 72.5099, 75.4884
YIQ	219.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

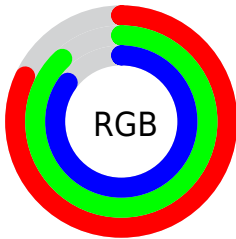
Format	Color
RYP	210, 221, 225
Decimal	13820376
CIELab	88.21, -6.66, 2.67
CIElCh	88, 7.174, 158.183
Yxy	72.5099, 0.3081, 0.3390
Android (android.graphics.Color)	4292010456 (0xFFD2E1D8)
YUV	219.4890, -1.7201, -8.3219
Hunter-Lab	85.1527, -10.8793, 7.0460

Details

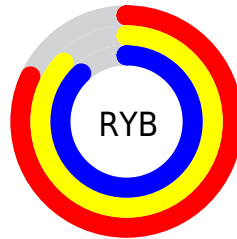
The XYZ color **65.8982, 72.5099, 75.4884** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8867, 67.2170, 76.4701**, and the grayscale version is **67.6879, 71.2129, 77.5508**.

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 **58.2628, 68.7692, 66.3908**, and if you desaturate by 10%, it is **74.5818, 76.7784, 85.3869**.

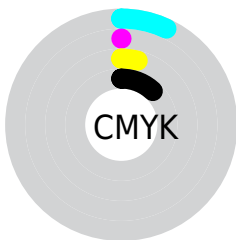
Distribution



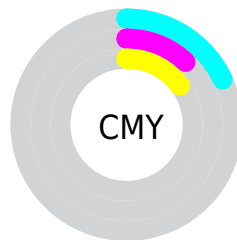
- Red (82%)
- Green (88%)
- Blue (85%)



- Red (82%)
- Yellow (87%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8982, 72.5099, 75.4884 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 65.8982, 72.5099, 75.4884 by changing the saturation by 10% instead.

■ 65.8982, 72.5099,
75.4884

■ 65.8982, 72.5099,
75.4884

435.5071,
469.3144, 498.8947

■ 48.4572, 53.5753,
55.5090

112.3987,
122.7812, 128.7569

■ 34.4018, 38.2622,
39.4080

142.1890,
154.8867, 162.8831

■ 23.3668, 26.1863,
26.7670

176.8263,
192.1513, 202.5619

■ 14.9868, 16.9631,
17.1674

216.6761,
234.9594, 248.2119

■ 8.8964, 10.2082,
10.1907

262.1037,
283.6953, 300.2517

■ 4.7302, 5.5372,
5.4183

313.4745,

■ 2.1230, 2.5658,

338.7436, 359.0997

2.4317

371.1539,
400.4885, 425.1745

■ 0.7017, 0.9095,
0.8037

■ 0.0000, 0.0000,
0.0000

■ 65.8982, 72.5099,
75.4884

■ 65.8982, 72.5099,
75.4884

■ 58.2628, 68.7692,
66.3908

■ 74.5818, 76.7784,
85.3869

■ 51.6288, 65.5266,
58.0694

■ 84.3452, 81.5846,
96.1007

■ 45.9545, 62.7629,
50.5054

■ 86.2166, 82.3332,
105.9555

■ 41.1932, 60.4546,
43.6771

■ 37.2940, 58.5758,
37.5619

■ 34.2005, 57.0979,
32.1361

■ 31.8497, 55.9890,
27.3744

■ 30.1679, 55.2115,
23.2500

■ 29.0625, 54.7184,
19.7335

Harmonies

Analogous

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



66.8973, 72.5099, 71.7485



65.8982, 72.5099, 75.4884



65.7015, 72.5099, 80.3047

Triad

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



65.8982, 72.5099, 75.4884



69.3896, 72.5099, 88.6862



71.5467, 72.5099, 73.2481

Complementary

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



65.8982, 72.5099, 75.4884



66.8867, 67.2170, 76.4701

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.



72.2388, 72.5099, 77.6125



65.8982, 72.5099, 75.4884



70.9799, 72.5099, 86.6200

Square

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



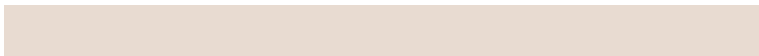
65.8982, 72.5099, 75.4884



67.6986, 72.5099, 88.0598



72.0297, 72.5099, 82.5178



70.1529, 72.5099, 70.4930

Rectangle

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



65.8982, 72.5099, 75.4884



66.0487, 72.5099, 83.5021



72.0297, 72.5099, 82.5178



71.8702, 72.5099, 74.5683

Sweetspot

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



65.9002, 72.5130, 75.4900



92.7096, 98.8500, 106.2389



67.8494, 73.6058, 71.6050



19.8682, 21.1700, 22.7675



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.



65.9002, 72.5130, 75.4900



86.0302, 95.5706, 98.5155



66.8590, 72.8965, 80.5388



13.7547, 15.4276, 15.7437



16.6326, 31.4779, 11.0543



1.1962, 2.1992, 0.9945

Inverse Universe

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



66.8867, 67.2170, 76.4701



87.5980, 87.1535, 100.0730



65.9523, 66.8432, 71.5494



14.0508, 13.8380, 16.0378



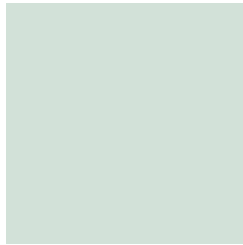
20.4731, 10.2563, 14.4232



1.4629, 0.7285, 1.2307

Previews

White Background



This preview shows how the XYZ color 65.8982, 72.5099, 75.4884 looks on a white background.

Color Contrast Check

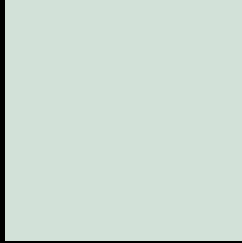
Large Text (above 18pt) WCAG AA × Fail

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 65.8982, 72.5099, 75.4884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

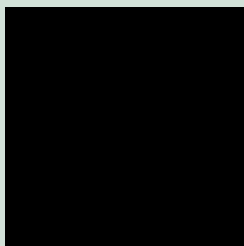
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

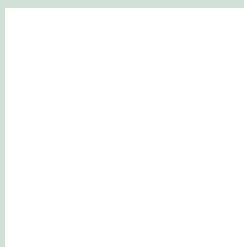
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8982, 72.5099, 75.4884

Background



This preview shows how black text looks on a background with the XYZ color 65.8982, 72.5099, 75.4884.



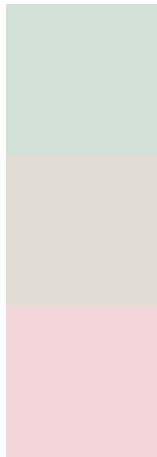
This preview shows how white text looks on a background with the XYZ color 65.8982, 72.5099,

75.4884.

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

65.8982, 72.5099, 75.4884

Protanopia

69.2820, 72.3214, 73.2587

Deuteranopia

73.6636, 72.2098, 76.3851



Tritanopia

69.4328, 72.7707, 92.0480

Trichromacy



Original Color

65.8982, 72.5099, 75.4884

Protanomaly

68.0777, 72.4697, 74.0183

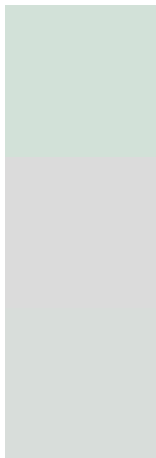
Deuteranomaly

70.5508, 72.1415, 75.8519

Tritanomaly

68.2521, 72.6910, 86.0348

Monochromacy



Original Color

65.8982, 72.5099, 75.4884

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8302, 71.3738, 76.5839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8982, 72.5099, 75.4884 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(210, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 225, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.8982, 72.5099, 75.4884 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(210, 225, 216) }
```


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

```
.border{ border-color:rgb(210, 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(210, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(210, 225,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8982, 72.5099, 75.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 225, 216) }
```

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

```
.background{ background-color: rgb(210,  
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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