

Converting Colors

XYZ(64.5238, 67.0261, 75.3436)

Have a look what the booklet for
XYZ(64.5238, 67.0261, 75.3436)
contains.

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Color

**XYZ(64.6375, 67.1972,
75.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D5D9
RGB	216, 213, 217
RGB Percent	85%, 84%, 85%
CMY	0.1529, 0.1647, 0.1490
CMYK	0.00, 0.02, 0.00, 0.15
HSL	285°, 5%, 84%
HSV	285°, 2%, 85%
XYZ	64.6375, 67.1972, 75.2092
YIQ	214.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

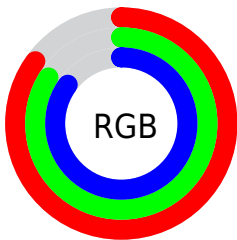
Format	Color
RYP	216, 213, 217
Decimal	14210521
CIE Lab	85.60, 1.75, -1.62
CIE LCh	86, 2.381, 317.285
Yxy	67.1972, 0.3122, 0.3246
Android (android.graphics.Color)	4292400601 (0xFFD8D5D9)
YUV	214.3530, 1.3050, 1.4444
Hunter-Lab	81.9739, -2.7047, 2.9845

Details

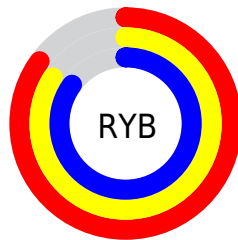
The XYZ color **64.6375, 67.1972, 75.2092** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5573, 68.7278, 72.8175**, and the grayscale version is **64.1471, 67.4878, 73.4942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4464, 34.6394, 39.1057** is the 20% darker color. If you saturate the color by 10%, you get **57.9630, 56.1901, 73.4374**, and if you desaturate by 10%, it is **72.0992, 79.6980, 77.2298**.

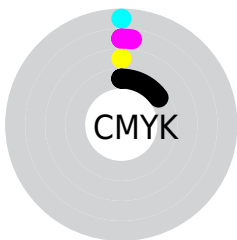
Distribution



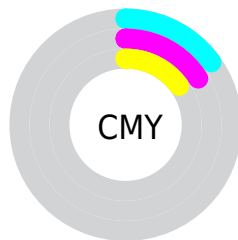
- Red (85%)
- Green (84%)
- Blue (85%)



- Red (85%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6375, 67.1972, 75.2092 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 64.6375, 67.1972, 75.2092 by changing the saturation by 10% instead.

■ 64.6375, 67.1972,
75.2092

■ 64.6375, 67.1972,
75.2092

431.0540,
450.6464, 497.9109

■ 47.4308, 49.2449,
55.2815

110.5971,
115.2029, 128.3583

■ 33.5857, 34.8138,
39.2270

140.0808,
146.0252, 162.4167

■ 22.7369, 23.5195,
26.6272

174.3875,
181.9061, 202.0226

■ 14.5190, 14.9775,
17.0635

213.8826,
223.2303, 247.5943

■ 8.5666, 8.8036,
10.1173

258.9314,
270.3820, 299.5505

■ 4.5144, 4.6133,
5.3702

309.8994,

■ 1.9971, 2.0222,

323.7457, 358.3096

2.4036

367.1518,
383.7056, 424.2902

■ 0.6323, 0.6203,
0.7884

■ 0.0000, 0.0000,
0.0000

■ 64.6375, 67.1972,
75.2092

■ 64.6375, 67.1972,
75.2092

■ 57.9630, 56.1901,
73.4374

■ 72.0992, 79.6980,
77.2298

■ 52.0406, 46.6103,
71.9005

■ 79.9201, 92.8385,
79.3540

■ 46.8411, 38.3990,
70.5896

■ 81.6590, 93.7350,
79.4354

■ 42.3309, 31.4900,
69.4937

■ 83.4524, 94.6595,
79.5193

■ 38.4739, 25.8115,
68.6009

■ 85.3008, 95.6124,
79.6058

■ 35.2301, 21.2847,
67.8981

■ 87.2047, 96.5939,
79.6949

■ 32.5553, 17.8215,
67.3707

■ 89.1645, 97.6042,
79.7866

■ 30.3982, 15.3209,
67.0017

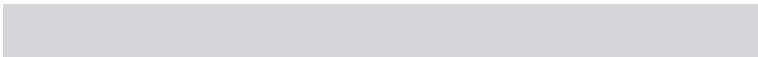
■ 89.5246, 97.7898,
79.8035

■ 28.6982, 13.6616,
66.7710

Harmonies

Analogous

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



64.1790, 67.1972, 76.0526



64.6375, 67.1972, 75.2092



64.8907, 67.1972, 73.8251

Triad

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



64.6375, 67.1972, 75.2092



64.0985, 67.1972, 70.2940



62.8792, 67.1972, 74.0565

Complementary

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



64.6375, 67.1972, 75.2092



64.5573, 68.7278, 72.8175

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.



62.8580, 67.1972, 72.5115



64.6375, 67.1972, 75.2092



63.5599, 67.1972, 70.3540

Square

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



64.6375, 67.1972, 75.2092



64.5783, 67.1972, 70.9958



63.1065, 67.1972, 71.1608



63.1648, 67.1972, 75.3807

Rectangle

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



64.6375, 67.1972, 75.2092



64.9080, 67.1972, 72.7886



63.1065, 67.1972, 71.1608



62.8410, 67.1972, 73.5453

Sweetspot

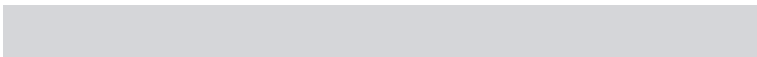
The Sweet Spot groups the original color and five complimentary colors.



64.6394, 67.2001, 75.2107



94.0075, 98.2629, 108.6197



64.0312, 67.2858, 75.2593



20.1325, 21.0506, 23.2520



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.



64.6394, 67.2001, 75.2107



92.9765, 96.5478, 108.3429



64.8149, 67.3045, 74.5875



14.4200, 14.9867, 16.7848



16.7878, 7.7786, 40.3550



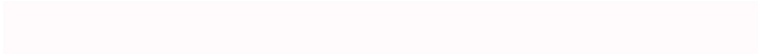
1.1645, 0.5436, 2.6180

Inverse Universe

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



64.5496, 67.1984, 73.1904



92.8350, 96.5452, 105.1548



64.3850, 68.6252, 73.4292



14.3995, 14.9864, 16.3227



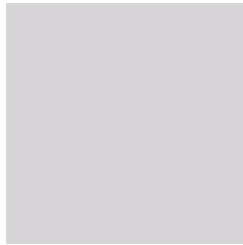
17.7656, 9.1073, 3.1455



1.1855, 0.6038, 0.3857

Previews

White Background



This preview shows how the XYZ color 64.6375, 67.1972, 75.2092 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 64.6375, 67.1972, 75.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

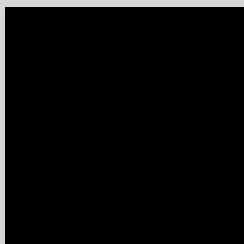
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

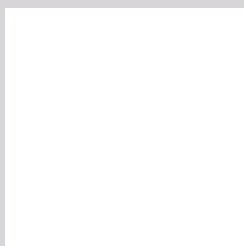
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6375, 67.1972, 75.2092

Background



This preview shows how black text looks on a background with the XYZ color 64.6375, 67.1972, 75.2092.

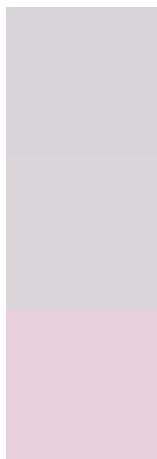


This preview shows how white text looks on a background with the XYZ color 64.6375, 67.1972,

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

64.6375, 67.1972, 75.2092

Protanopia

64.9339, 67.3500, 75.2231

Deuteranopia

68.5720, 67.0112, 75.6500



Tritanopia

66.2113, 67.0954, 82.8598

Trichromacy



Original Color

64.6375, 67.1972, 75.2092

Protanomaly

64.9339, 67.3500, 75.2231

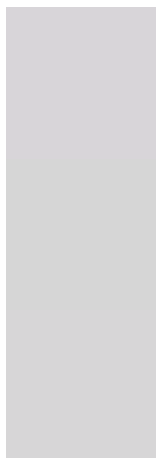
Deuteranomaly

67.1339, 66.9938, 75.7224

Tritanomaly

65.6133, 67.2205, 80.0377

Monochromacy



Original Color

64.6375, 67.1972, 75.2092

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.3366, 67.4465, 73.9176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6375, 67.1972, 75.2092 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(216, 213, 217) looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 217)  
}
```

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(216, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 217) }
```

Border

The CSS property to change the border of an element to XYZ 64.6375, 67.1972, 75.2092 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(216, 213, 217) }
```


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

```
.border{ border-color:rgb(216, 213, 217) }
```

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

Here you see how a box with a 4 pixel rgb(216, 213, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6375, 67.1972, 75.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 217) }
```

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

```
.background{ background-color: rgb(216,  
213, 217) }
```

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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