

Converting Colors

XYZ(64.1470, 66.7300, 74.9745)

Have a look what the booklet for
XYZ(64.1470, 66.7300, 74.9745)
contains.

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Color

**XYZ(64.0922, 66.5438,
75.1119)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D4D9
RGB	215, 212, 217
RGB Percent	84%, 83%, 85%
CMY	0.1569, 0.1686, 0.1490
CMYK	0.01, 0.02, 0.00, 0.15
HSL	276°, 6%, 84%
HSV	276°, 2%, 85%
XYZ	64.0922, 66.5438, 75.1119
YIQ	213.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

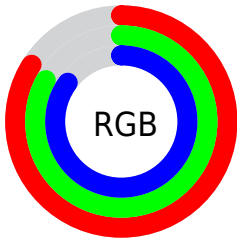
Format	Color
R _Y B	215, 212, 217
Decimal	14144729
CIE Lab	85.27, 1.93, -2.11
CIE LCh	85, 2.861, 312.522
Yxy	66.5438, 0.3115, 0.3234
Android (android.graphics.Color)	4292334809 (0xFFD7D4D9)
YUV	213.4670, 1.7418, 1.3444
Hunter-Lab	81.5744, -2.5095, 2.5091

Details

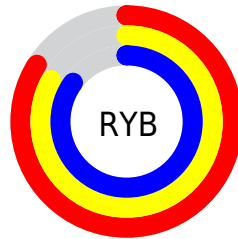
The XYZ color **64.0922, 66.5438, 75.1119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4306, 68.6772, 72.1509**, and the grayscale version is **63.5488, 66.8583, 72.8086**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0758, 34.1962, 39.0397** is the 20% darker color. If you saturate the color by 10%, you get **56.5452, 55.1359, 73.3087**, and if you desaturate by 10%, it is **72.5075, 79.4853, 77.1673**.

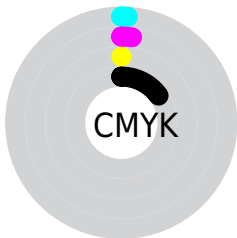
Distribution



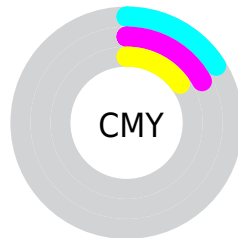
- Red (84%)
- Green (83%)
- Blue (85%)



- Red (84%)
- Yellow (83%)
- Blue (85%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0922, 66.5438, 75.1119 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 64.0922, 66.5438, 75.1119 by changing the saturation by 10% instead.

■ 64.0922, 66.5438,
75.1119

■ 64.0922, 66.5438,
75.1119

429.1195,
448.3192, 497.5678

■ 46.9873, 48.7140,
55.2023

109.8167,
114.2665, 128.2193

■ 33.2335, 34.3926,
39.1640

139.1670,
144.9281, 162.2542

■ 22.4655, 23.1954,
26.5785

173.3299,
180.6358, 201.8345

■ 14.3179, 14.7379,
17.0273

212.6706,
221.7740, 247.3789

■ 8.4252, 8.6356,
10.0918

257.5546,
268.7270, 299.3059

■ 4.4223, 4.5043,
5.3535

308.3471,

■ 1.9437, 1.9595,

321.8793, 358.0340

2.3938

365.4136,
381.6152, 423.9818

■ 0.6021, 0.5838,
0.7830

■ 0.0000, 0.0000,
0.0000

■ 64.0922, 66.5438,
75.1119

■ 64.0922, 66.5438,
75.1119

■ 56.5452, 55.1359,
73.3087

■ 72.5075, 79.4853,
77.1673

■ 49.8299, 45.1942,
71.7437

■ 81.6852, 93.7485,
79.4367

■ 43.9151, 36.6589,
70.4080

■ 84.5813, 95.2415,
79.5722

■ 38.7658, 29.4628,
69.2904

■ 87.6189, 96.8074,
79.7144

■ 34.3436, 23.5328,
68.3789

■ 89.5246, 97.7898,
79.8036

■ 30.6070, 18.7889,
67.6601

■ 27.5093, 15.1415,
67.1194

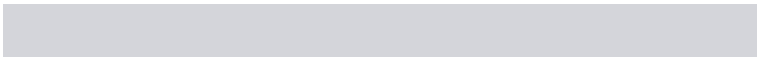
■ 24.9973, 12.4879,
66.7396

■ 23.0076, 10.7048,
66.5003

Harmonies

Analogous

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



63.5179, 66.5438, 75.9880



64.0922, 66.5438, 75.1119



64.4416, 66.5438, 73.5299

Triad

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



64.0922, 66.5438, 75.1119



63.6222, 66.5438, 69.1103



62.0415, 66.5438, 73.2299

Complementary

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



64.0922, 66.5438, 75.1119



64.4306, 68.6772, 72.1509

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.



62.0690, 66.5438, 71.3904



64.0922, 66.5438, 75.1119



62.9786, 66.5438, 69.0331

Square

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



64.0922, 66.5438, 75.1119



64.1690, 66.5438, 70.0741



62.4110, 66.5438, 69.8613



62.3357, 66.5438, 74.8890

Rectangle

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



64.0922, 66.5438, 75.1119



64.4985, 66.5438, 72.2983



62.4110, 66.5438, 69.8613



62.0135, 66.5438, 72.6117

Sweetspot

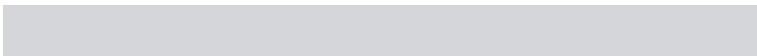
The Sweet Spot groups the original color and five complimentary colors.



64.0941, 66.5467, 75.1134



93.8673, 98.1907, 108.6131



63.7460, 67.1448, 75.2472



20.1040, 21.0359, 23.2507



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.



64.0941, 66.5467, 75.1134



91.5402, 94.6396, 108.0503



64.6310, 66.8297, 74.8561



14.0454, 14.4567, 16.7023



13.2889, 5.9749, 40.1913



0.9572, 0.4367, 2.6083

Inverse Universe

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



64.2988, 66.6968, 73.1067



91.9280, 94.9238, 104.2589



63.9030, 68.3991, 72.4008



14.1203, 14.5116, 15.9722



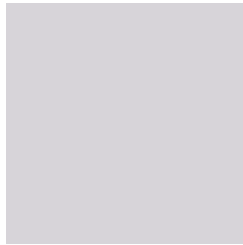
18.4092, 9.3647, 6.5351



1.2345, 0.6234, 0.6437

Previews

White Background



This preview shows how the XYZ color 64.0922, 66.5438, 75.1119 looks on a white background.

Color Contrast Check

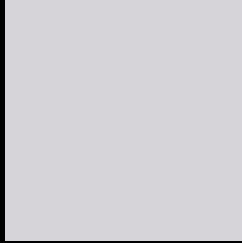
Large Text (above 18pt) WCAG AA × Fail

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 64.0922, 66.5438, 75.1119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

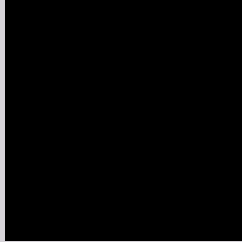
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

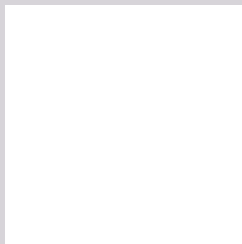
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0922, 66.5438, 75.1119

Background



This preview shows how black text looks on a background with the XYZ color 64.0922, 66.5438, 75.1119.

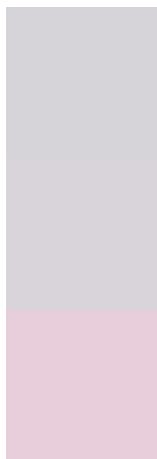


This preview shows how white text looks on a background with the XYZ color 64.0922, 66.5438,

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

64.0922, 66.5438, 75.1119

Protanopia

64.3868, 66.6957, 75.1256

Deuteranopia

67.6812, 66.1935, 75.5391



Tritanopia

65.5270, 66.3910, 82.0341

Trichromacy



Original Color

64.0922, 66.5438, 75.1119

Protanomaly

64.3868, 66.6957, 75.1256

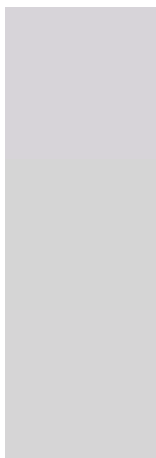
Deuteranomaly

66.2621, 66.1813, 75.6115

Tritanomaly

64.9325, 66.5152, 79.2284

Monochromacy



Original Color

64.0922, 66.5438, 75.1119

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.6634, 66.7397, 73.1450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0922, 66.5438, 75.1119 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(215, 212, 217) looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 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(215, 212, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 217) }
```

Border

The CSS property to change the border of an element to XYZ 64.0922, 66.5438, 75.1119 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(215, 212, 217) }
```


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

```
.border{ border-color:rgb(215, 212, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 212, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 212, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 212, 217);  
box-shadow:4px 4px 4px 4px rgb(215, 212,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0922, 66.5438, 75.1119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 212, 217) }
```

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

```
.background{ background-color: rgb(215,  
212, 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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