

Converting Colors

XYZ(64.5656, 66.1966, 71.9090)

Have a look what the booklet for
XYZ(64.5656, 66.1966, 71.9090)
contains.

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Color

**XYZ(64.4455, 66.0623,
71.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD2D4
RGB	220, 210, 212
RGB Percent	86%, 82%, 83%
CMY	0.1372, 0.1765, 0.1686
CMYK	0.00, 0.05, 0.04, 0.14
HSL	348°, 12%, 84%
HSV	348°, 5%, 86%
XYZ	64.4455, 66.0623, 71.6420
YIQ	213.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

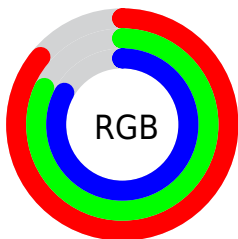
Format	Color
R _Y B	220, 210, 212
Decimal	14471892
CIE Lab	85.03, 3.79, 0.23
CIE LCh	85, 3.801, 3.519
Yxy	66.0623, 0.3188, 0.3268
Android (android.graphics.Color)	4292661972 (0xFFDCD2D4)
YUV	213.2180, -0.6005, 5.9478
Hunter-Lab	81.2787, -0.7060, 4.6348

Details

The XYZ color **64.4455, 66.0623, 71.6420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8290, 69.9518, 76.4184**, and the grayscale version is **63.3947, 66.6962, 72.6321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4913, 34.2106, 36.7364** is the 20% darker color. If you saturate the color by 10%, you get **57.2820, 55.0973, 58.8874**, and if you desaturate by 10%, it is **72.6017, 78.6233, 85.9240**.

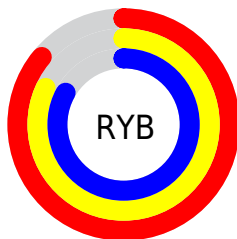
Distribution



Red (86%)

Green (82%)

Blue (83%)



Red (86%)

Yellow (82%)

Blue (83%)

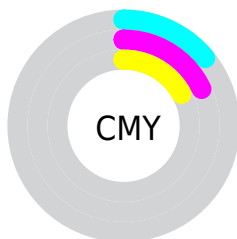


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4455, 66.0623, 71.6420 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 64.4455, 66.0623, 71.6420 by changing the saturation by 10% instead.

■ 64.4455, 66.0623,
71.6420

■ 64.4455, 66.0623,
71.6420

430.3734,
446.5997, 485.2386

■ 47.2746, 48.3230,
52.3812

110.3224,
113.5757, 123.2504

■ 33.4617, 34.0827,
36.9247

139.7592,
144.1187, 156.4351

■ 22.6413, 22.9572,
24.8539

174.0153,
179.6982, 195.0982

■ 14.4481, 14.5619,
15.7502

213.4561,
220.6988, 239.6582

■ 8.5167, 8.5125,
9.1951

258.4470,
267.5049, 290.5338

■ 4.4819, 4.4246,
4.7701

309.3532,

■ 1.9782, 1.9138,

320.5008, 348.1433

2.0567

366.5403,
380.0709, 412.9054

■ 0.6217, 0.5567,
0.5898

■ 0.0000, 0.0000,
0.0000

■ 64.4455, 66.0623,
71.6420

■ 64.4455, 66.0623,
71.6420

■ 57.2820, 55.0973,
58.8874

■ 72.6017, 78.6233,
85.9240

■ 51.0674, 45.6560,
47.6052

■ 81.7809, 92.8317,
101.7776

■ 45.7634, 37.6733,
37.7431

■ 83.3256, 93.9559,
108.3513

■ 41.3263, 31.0763,
29.2442

■ 37.7093, 25.7855,
22.0477

■ 34.8607, 21.7134,
16.0881

■ 32.7229, 18.7618,
11.2939

■ 31.2299, 16.8170,
7.5861

■ 30.3023, 15.7410,
4.8750

Harmonies

Analogous

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



64.2733, 66.0623, 74.0506



64.4455, 66.0623, 71.6420



64.1709, 66.0623, 69.3618

Triad

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



64.4455, 66.0623, 71.6420



61.8867, 66.0623, 68.0762



62.0600, 66.0623, 76.2278

Complementary

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



64.4455, 66.0623, 71.6420



64.8290, 69.9518, 76.4184

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.



61.4296, 66.0623, 74.5621



64.4455, 66.0623, 71.6420



61.3302, 66.0623, 69.8515

Square

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



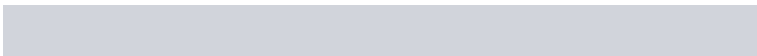
64.4455, 66.0623, 71.6420



62.6894, 66.0623, 67.3327



61.1636, 66.0623, 72.2200



62.8912, 66.0623, 76.7332

Rectangle

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



64.4455, 66.0623, 71.6420



63.7728, 66.0623, 68.2109



61.1636, 66.0623, 72.2200



61.8178, 66.0623, 75.7832

Sweetspot

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



64.4474, 66.0652, 71.6434



93.9150, 98.2530, 106.9093



64.8804, 66.1689, 77.0635



20.1136, 21.0486, 22.9040



0.0000, 0.0000, 0.0000



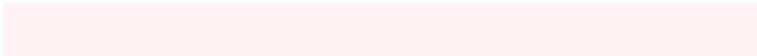
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.4474, 66.0652, 71.6434



89.5169, 91.4933, 99.1651



64.9444, 67.4598, 70.5743



13.7625, 14.0145, 15.1791



17.6201, 9.0491, 2.3793



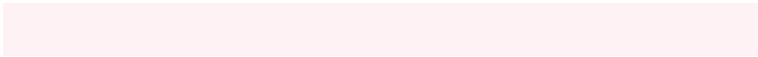
1.1724, 0.5986, 0.3170

Inverse Universe

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



64.4474, 66.0652, 71.6434



89.5169, 91.4933, 99.1651



64.3118, 68.4968, 77.5428



13.7625, 14.0145, 15.1791



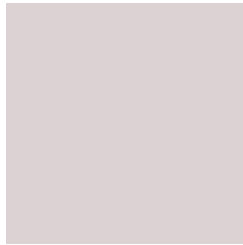
17.6201, 9.0491, 2.3793



1.1724, 0.5986, 0.3170

Previews

White Background



This preview shows how the XYZ color 64.4455, 66.0623, 71.6420 looks on a white background.

Color Contrast Check

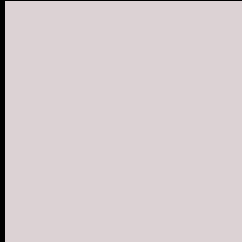
Large Text (above 18pt) WCAG AA × Fail

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 64.4455, 66.0623, 71.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

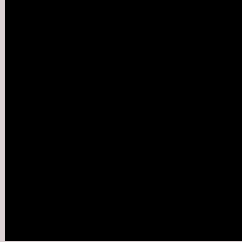
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

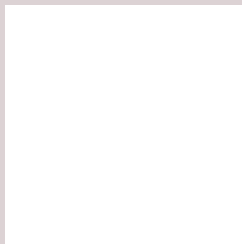
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4455, 66.0623, 71.6420

Background



This preview shows how black text looks on a background with the XYZ color 64.4455, 66.0623, 71.6420.

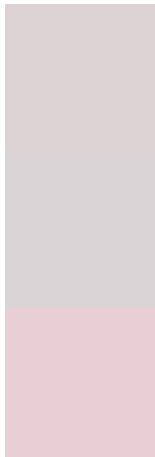


This preview shows how white text looks on a background with the XYZ color 64.4455, 66.0623, 71.6420.

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

64.4455, 66.0623, 71.6420

Protanopia

63.6234, 65.9916, 72.3351

Deuteranopia

67.3603, 66.1025, 72.1596



Tritanopia

66.1346, 66.0232, 79.7791

Trichromacy



Original Color

64.4455, 66.0623, 71.6420

Protanomaly

63.9198, 66.1443, 72.3490

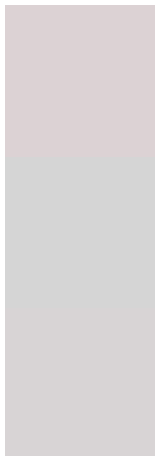
Deuteranomaly

66.3180, 65.9237, 72.1800

Tritanomaly

65.5375, 66.1404, 77.0223

Monochromacy



Original Color

64.4455, 66.0623, 71.6420

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8726, 66.4900, 72.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4455, 66.0623, 71.6420 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(220, 210, 212) looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 212)  
}
```

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(220, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.4455, 66.0623, 71.6420 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(220, 210, 212) }
```


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

```
.border{ border-color:rgb(220, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4455, 66.0623, 71.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 212) }
```

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

```
.background{ background-color: rgb(220,  
210, 212) }
```

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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