

Converting Colors

XYZ(64.1047, 66.4355, 71.2044)

Have a look what the booklet for
XYZ(64.1047, 66.4355, 71.2044)
contains.

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Color

**XYZ(63.9656, 66.1971,
71.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD3D3
RGB	218, 211, 211
RGB Percent	85%, 83%, 83%
CMY	0.1451, 0.1725, 0.1725
CMYK	0.00, 0.03, 0.03, 0.15
HSL	0°, 9%, 84%
HSV	0°, 3%, 85%
XYZ	63.9656, 66.1971, 71.0340
YIQ	213.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

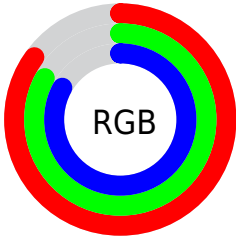
Format	Color
R _Y B	218, 211, 211
Decimal	14341075
CIE Lab	85.10, 2.40, 0.85
CIE LCh	85, 2.549, 19.367
Yxy	66.1971, 0.3179, 0.3290
Android (android.graphics.Color)	4292531155 (0xFFDAD3D3)
YUV	213.0930, -1.0318, 4.3034
Hunter-Lab	81.3616, -2.0481, 5.1891

Details

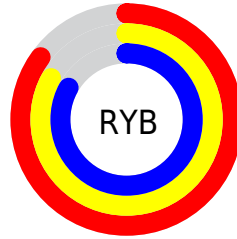
The XYZ color **63.9656, 66.1971, 71.0340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5903, 69.0528, 76.2549**, and the grayscale version is **63.3144, 66.6117, 72.5401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2470, 34.3348, 36.7733** is the 20% darker color. If you saturate the color by 10%, you get **56.3652, 55.0769, 55.9189**, and if you desaturate by 10%, it is **72.6741, 78.9387, 88.3487**.

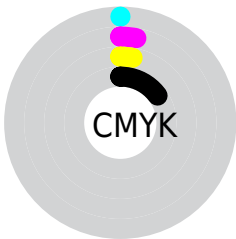
Distribution



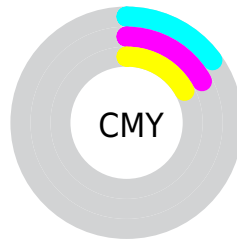
- Red (85%)
- Green (83%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9656, 66.1971, 71.0340 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 63.9656, 66.1971, 71.0340 by changing the saturation by 10% instead.

■ 63.9656, 66.1971,
71.0340

■ 63.9656, 66.1971,
71.0340

428.6696,
447.0814, 483.0591

■ 46.8844, 48.4324,
51.8879

109.6354,
113.7692, 122.3770

■ 33.1518, 34.1695,
36.5341

138.9547,
144.3454, 155.4111

■ 22.4026, 23.0238,
24.5540

173.0841,
179.9608, 193.9116

■ 14.2713, 14.6111,
15.5291

212.3889,
221.0000, 238.2970

■ 8.3925, 8.5469,
9.0408

257.2345,
267.8473, 288.9860

■ 4.4010, 4.4468,
4.6707

307.9863,

■ 1.9314, 1.9265,

320.8870, 346.3969

2.0000

365.0095,
380.5036, 410.9485

■ 0.5950, 0.5643,
0.5553

■ 0.0000, 0.0000,
0.0000

■ 63.9656, 66.1971,
71.0340

■ 63.9656, 66.1971,
71.0340

■ 56.3652, 55.0769,
55.9189

■ 72.6741, 78.9387,
88.3487

■ 49.8233, 45.5049,
42.9114

■ 82.5268, 93.3540,
107.9415

■ 44.2945, 37.4152,
31.9190

■ 82.7239, 93.6456,
108.3231

■ 39.7283, 30.7337,
22.8411

■ 36.0696, 25.3798,
15.5683

■ 33.2579, 21.2652,
9.9801

■ 31.2254, 18.2904,
5.9413

■ 29.8937, 16.3410,
3.2961

■ 29.1682, 15.2786,
1.8562

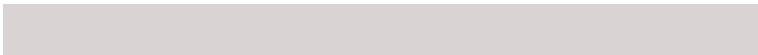
Harmonies

Analogous

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



64.0096, 66.1971, 72.6623



63.9656, 66.1971, 71.0340



63.6400, 66.1971, 69.7045

Triad

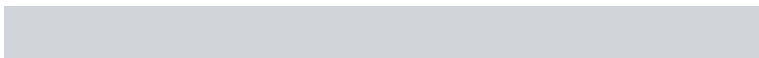
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.9656, 66.1971, 71.0340



62.0843, 66.1971, 70.0380



62.7149, 66.1971, 75.2296

Complementary

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



63.9656, 66.1971, 71.0340



64.5903, 69.0528, 76.2549

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.



62.2022, 66.1971, 74.5035



63.9656, 66.1971, 71.0340



61.8396, 66.1971, 71.4956

Square

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



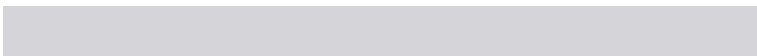
63.9656, 66.1971, 71.0340



62.5530, 66.1971, 69.1356



61.8826, 66.1971, 73.1309



63.2852, 66.1971, 75.1015

Rectangle

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



63.9656, 66.1971, 71.0340



63.3082, 66.1971, 69.1588



61.8826, 66.1971, 73.1309



62.5301, 66.1971, 75.0769

Sweetspot

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



63.9675, 66.2000, 71.0354



93.8344, 98.2215, 106.4828



64.8636, 66.5569, 75.7587



20.0972, 21.0422, 22.8172



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.



63.9675, 66.2000, 71.0354



90.2845, 93.0275, 99.4238



64.8456, 67.9562, 71.3281



13.8616, 14.2304, 15.1575



17.3232, 8.9319, 0.8110



1.1225, 0.5790, 0.0526

Inverse Universe

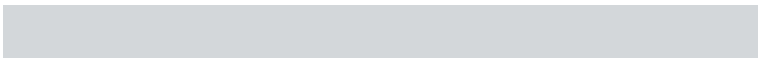
The Inverse Universe completely reimagines the original color for something new.



64.5903, 69.0528, 76.2549



91.3947, 98.1131, 108.7284



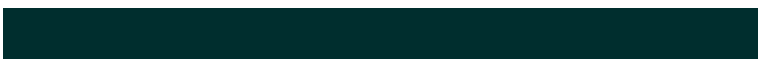
63.6931, 67.2585, 75.9558



14.0618, 15.1471, 16.8347



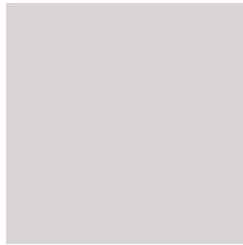
22.5845, 33.0385, 44.9251



1.4633, 2.1408, 2.9105

Previews

White Background



This preview shows how the XYZ color 63.9656, 66.1971, 71.0340 looks on a white background.

Color Contrast Check

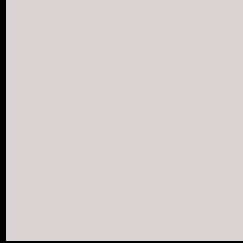
Large Text (above 18pt) WCAG AA × Fail

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 63.9656, 66.1971, 71.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

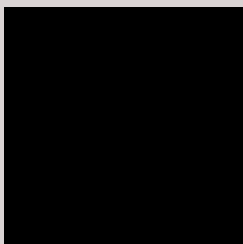
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

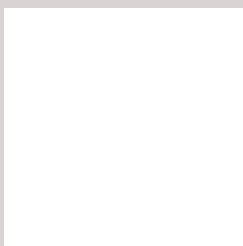
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9656, 66.1971, 71.0340

Background



This preview shows how black text looks on a background with the XYZ color 63.9656, 66.1971, 71.0340.

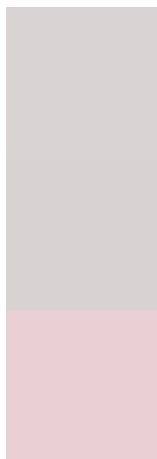


This preview shows how white text looks on a background with the XYZ color 63.9656, 66.1971,

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

63.9656, 66.1971, 71.0340

Protanopia

63.3710, 65.8906, 71.0062

Deuteranopia

67.5592, 66.2197, 71.5083



Tritanopia

65.9063, 66.2528, 80.5486

Trichromacy



Original Color

63.9656, 66.1971, 71.0340

Protanomaly

63.6674, 66.0434, 71.0200

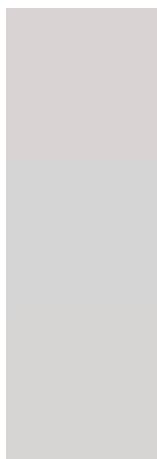
Deuteranomaly

66.4344, 66.3592, 71.5945

Tritanomaly

65.1783, 66.3206, 77.0760

Monochromacy



Original Color

63.9656, 66.1971, 71.0340

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4515, 66.2875, 71.7379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9656, 66.1971, 71.0340 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(218, 211, 211) looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 211)  
}
```

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(218, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 63.9656, 66.1971, 71.0340 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(218, 211, 211) }
```


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

```
.border{ border-color:rgb(218, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(218, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9656, 66.1971, 71.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 211) }
```

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

```
.background{ background-color: rgb(218,  
211, 211) }
```

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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