

Converting Colors

XYZ(66.4393, 67.3375, 70.1481)

Have a look what the booklet for
XYZ(66.4393, 67.3375, 70.1481)
contains.

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Color

**XYZ(66.6057, 67.5726,
70.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D3D2
RGB	227, 211, 210
RGB Percent	89%, 83%, 82%
CMY	0.1098, 0.1725, 0.1765
CMYK	0.00, 0.07, 0.07, 0.11
HSL	4°, 23%, 86%
HSV	4°, 7%, 89%
XYZ	66.6057, 67.5726, 70.5051
YIQ	215.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

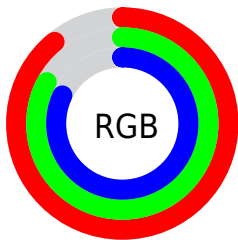
Format	Color
R _Y B	227, 211, 210
Decimal	14930898
CIE Lab	85.79, 5.35, 2.48
CIE LCh	86, 5.899, 24.816
Yxy	67.5726, 0.3254, 0.3301
Android (android.graphics.Color)	4293120978 (0xFFE3D3D2)
YUV	215.6700, -2.7953, 9.9364
Hunter-Lab	82.2026, 0.7775, 6.6888

Details

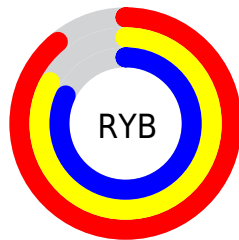
The XYZ color **66.6057, 67.5726, 70.5051** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6396, 73.6391, 83.3227**, and the grayscale version is **65.0611, 68.4493, 74.5413**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0710, 35.2849, 36.4147** is the 20% darker color. If you saturate the color by 10%, you get **59.0177, 56.6056, 54.9985**, and if you desaturate by 10%, it is **75.3038, 80.1161, 88.3625**.

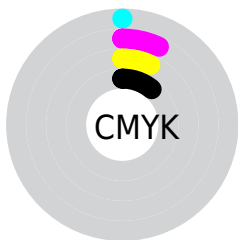
Distribution



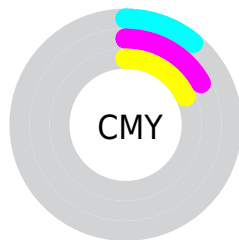
- Red (89%)
- Green (83%)
- Blue (82%)



- Red (89%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6057, 67.5726, 70.5051 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 66.6057, 67.5726, 70.5051 by changing the saturation by 10% instead.

66.6057, 67.5726,
70.5051

66.6057, 67.5726,
70.5051

437.9945,
451.9802, 481.1585

49.0338, 49.5501,
51.4591

113.4082,
115.7405, 121.6166

34.8609, 35.0561,
36.1948

143.3694,
146.6547, 154.5192

23.7218, 23.7061,
24.2938

178.1911,
182.6349, 192.8778

15.2510, 15.1157,
15.3375

218.2387,
224.0656, 237.1108

9.0832, 8.9006,
8.9074

263.8775,
271.3310, 287.6368

4.8530, 4.6764,
4.5848

315.4728,

2.1952, 2.0587,

324.8157, 344.8744

1.9513

373.3900,
384.9040, 409.2421

■ 0.7402, 0.6412,
0.5251

■ 0.0000, 0.0000,
0.0000

■ 66.6057, 67.5726,
70.5051

■ 66.6057, 67.5726,
70.5051

■ 59.0177, 56.6056,
54.9985

■ 75.3038, 80.1161,
88.3625

■ 52.4898, 47.1444,
41.7406

■ 85.0833, 94.2599,
108.3174

■ 46.9764, 39.1259,
30.6284

■ 85.4889, 95.0711,
108.4525

■ 42.4265, 32.4792,
21.5491

■ 38.7847, 27.1274,
14.3796

■ 35.9899, 22.9862,
8.9833

■ 33.9737, 19.9609,
5.2059

■ 32.6565, 17.9432,
2.8661

■ 31.9391, 16.8016,
1.7233

Harmonies

Analogous

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



66.8402, 67.5726, 74.2474



66.6057, 67.5726, 70.5051



65.7299, 67.5726, 67.6768

Triad

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



66.6057, 67.5726, 70.5051



62.1318, 67.5726, 69.3827



63.9920, 67.5726, 81.2134

Complementary

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



66.6057, 67.5726, 70.5051



67.6396, 73.6391, 83.3227

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.



62.7447, 67.5726, 79.8065



66.6057, 67.5726, 70.5051



61.6803, 67.5726, 72.9069

Square

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



66.6057, 67.5726, 70.5051



63.1446, 67.5726, 67.0448



61.9031, 67.5726, 76.7329



65.3191, 67.5726, 80.5161

Rectangle

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



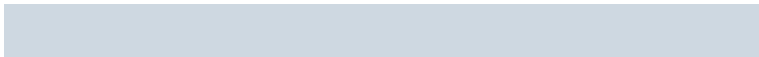
66.6057, 67.5726, 70.5051



64.9066, 67.5726, 66.6452



61.9031, 67.5726, 76.7329



63.5497, 67.5726, 80.9695

Sweetspot

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



66.6076, 67.5756, 70.5066



92.7278, 96.6522, 104.1287



68.4741, 67.9243, 81.5620



19.8719, 20.7226, 22.3378



0.0000, 0.0000, 0.0000



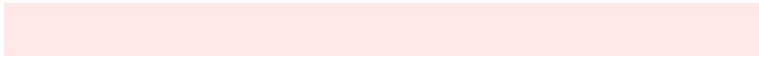
20.3446, 21.4041, 23.3091

Same Dimension

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



66.6076, 67.5756, 70.5066



85.0664, 85.5967, 88.4195



68.7352, 71.8308, 71.2158



14.4450, 14.5038, 14.9426



18.5895, 9.7532, 0.9028



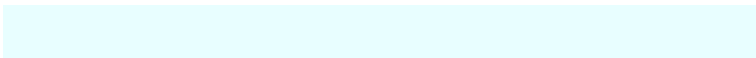
1.3979, 0.7692, 0.0748

Inverse Universe

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



67.6396, 73.6391, 83.3227



86.6741, 95.0424, 108.3846



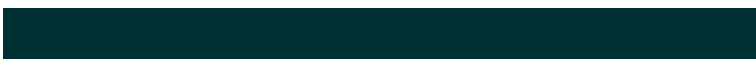
65.4251, 69.2101, 82.5845



14.7307, 16.1829, 18.4915



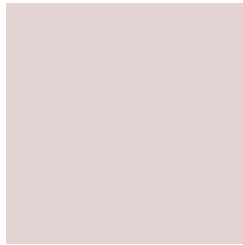
22.0811, 31.2242, 47.2463



1.6540, 2.3519, 3.4988

Previews

White Background



This preview shows how the XYZ color 66.6057, 67.5726, 70.5051 looks on a white background.

Color Contrast Check

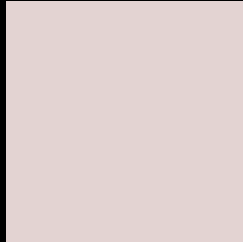
Large Text (above 18pt) WCAG AA × Fail

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 66.6057, 67.5726, 70.5051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

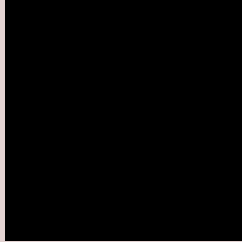
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

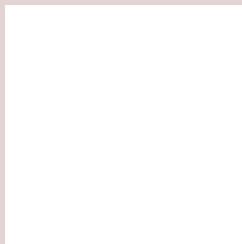
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6057, 67.5726, 70.5051

Background



This preview shows how black text looks on a background with the XYZ color 66.6057, 67.5726, 70.5051.



This preview shows how white text looks on a background with the XYZ color 66.6057, 67.5726,

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

66.6057, 67.5726, 70.5051

Protanopia

65.0179, 67.8564, 71.2988

Deuteranopia

69.2388, 67.8194, 71.0692



Tritanopia

68.7042, 67.6952, 80.6795

Trichromacy



Original Color

66.6057, 67.5726, 70.5051

Protanomaly

65.6763, 67.8212, 71.2573

Deuteranomaly

68.1626, 67.6277, 71.0889

Tritanomaly

67.9598, 67.7545, 77.2062

Monochromacy



Original Color

66.6057, 67.5726, 70.5051

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.6994, 68.1638, 73.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6057, 67.5726, 70.5051 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(227, 211, 210)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 210)  
}
```

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(227, 211, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 210) }
```

Border

The CSS property to change the border of an element to XYZ 66.6057, 67.5726, 70.5051 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(227, 211, 210) }
```


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

```
.border{ border-color:rgb(227, 211, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 210);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6057, 67.5726, 70.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 210) }
```

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

```
.background{ background-color: rgb(227,  
211, 210) }
```

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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