

# Converting Colors

XYZ(65.6705, 66.8684, 71.4759)

Have a look what the booklet for  
XYZ(65.6705, 66.8684, 71.4759)  
contains.

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# Color

**XYZ(65.6707, 66.6939,  
71.6994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0D2D4
RGB	224, 210, 212
RGB Percent	88%, 82%, 83%
CMY	0.1216, 0.1764, 0.1686
CMYK	0.00, 0.06, 0.05, 0.12
HSL	351°, 18%, 85%
HSV	351°, 6%, 88%
XYZ	65.6707, 66.6939, 71.6994
YIQ	214.4140, 7.7020, 3.5900

# Conversions

## Conversions Part 2

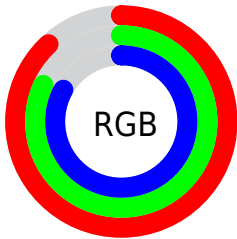
Format	Color
<a href="#">RYB</a>	<a href="#">224, 210, 212</a>
Decimal	<a href="#">14734036</a>
CIELab	<a href="#">85.35, 5.18, 0.74</a>
CIELCh	<a href="#">85, 5.229, 8.138</a>
Yxy	<a href="#">66.6939, 0.3218, 0.3268</a>
Android (android.graphics.Color)	<a href="#">4292924116</a> ( <a href="#">0xFFE0D2D4</a> )
YUV	<a href="#">214.4140, -1.1901, 8.4069</a>
Hunter-Lab	<a href="#">81.6663, 0.6219, 5.1125</a>

# Details

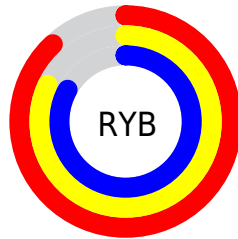
The XYZ color **65.6707, 66.6939, 71.6994** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4213, 72.2885, 79.5630**, and the grayscale version is **64.2011, 67.5445, 73.5560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3365, 34.6463, 36.7760** is the 20% darker color. If you saturate the color by 10%, you get **58.2427, 55.4866, 57.9734**, and if you desaturate by 10%, it is **74.1647, 79.5704, 87.2041**.

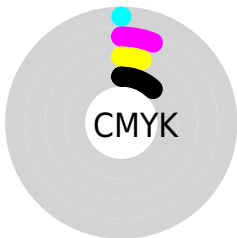
# Distribution



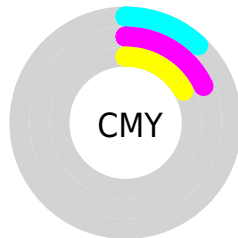
- Red (88%)
- Green (82%)
- Blue (83%)



- Red (88%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6707, 66.6939, 71.6994 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 65.6707, 66.6939, 71.6994 by changing the saturation by 10% instead.



65.6707, 66.6939,  
71.6994

65.6707, 66.6939,  
71.6994

434.7055,  
448.8544, 485.4440

48.2718, 48.8359,  
52.4278

112.0739,  
114.4817, 123.3328

34.2544, 34.4893,  
36.9616

141.8090,  
145.1803, 156.5317

23.2529, 23.2698,  
24.8822

176.3869,  
180.9279, 195.2101

14.9021, 14.7928,  
15.7711

216.1729,  
222.1088, 239.7866

8.8366, 8.6741,  
9.2097

261.5324,  
269.1076, 290.6797

4.6910, 4.5292,  
4.7796

312.8308,

2.1000, 1.9738,

322.3085, 348.3080

2.0620

370.4333,  
382.0960, 413.0899

■ 0.6892, 0.5922,  
0.5930

■ 0.0000, 0.0000,  
0.0000

■ 65.6707, 66.6939,  
71.6994

■ 65.6707, 66.6939,  
71.6994

■ 58.2427, 55.4866,  
57.9734

■ 74.1647, 79.5704,  
87.2041

■ 51.8332, 45.8718,  
45.9581

■ 83.7588, 94.1714,  
104.5437

■ 46.3990, 37.7799,  
35.5875

■ 84.5508, 94.5875,  
108.4086

■ 41.8920, 31.1324,  
26.7898

■ 38.2599, 25.8441,  
19.4876

■ 35.4451, 21.8208,  
13.5970

■ 33.3829, 18.9562,  
9.0258

■ 31.9987, 17.1264,  
5.6705

■ 31.2008, 16.1774,  
3.4111

# Harmonies

## Analogous

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



65.5267, 66.6939, 75.0730



65.6707, 66.6939, 71.6994



65.1978, 66.6939, 68.6664

# Triad

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



65.6707, 66.6939, 71.6994



61.9952, 66.6939, 67.6106



62.5467, 66.6939, 78.8381

# Complementary

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



65.6707, 66.6939, 71.6994



66.4213, 72.2885, 79.5630

# 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.



61.6170, 66.6939, 76.7191



65.6707, 66.6939, 71.6994



61.3014, 66.6939, 70.2178

# Square

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



65.6707, 66.6939, 71.6994



63.0689, 66.6939, 66.3542



61.1638, 66.6939, 73.5451



63.7133, 66.6939, 79.2648



# Rectangle

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



65.6707, 66.6939, 71.6994



64.5997, 66.6939, 67.2211



61.1638, 66.6939, 73.5451



62.1965, 66.6939, 78.2970

# Sweetspot

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



65.6726, 66.6968, 71.7008



92.7484, 96.5106, 104.6992



66.5967, 66.9918, 79.9425



19.8761, 20.6938, 22.4540



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.



65.6726, 66.6968, 71.7008



87.2507, 88.1885, 94.6250



66.6503, 69.0528, 70.7919



14.1045, 14.2128, 15.2314



18.0697, 9.2949, 1.7669



1.2781, 0.6545, 0.2574



# Inverse Universe

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



65.6726, 66.6968, 71.7008



87.2507, 88.1885, 94.6250



65.3928, 69.8009, 80.5482



14.1045, 14.2128, 15.2314



18.0697, 9.2949, 1.7669

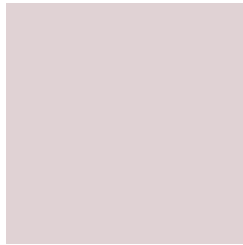


1.2781, 0.6545, 0.2574



# Previews

## White Background



This preview shows how the XYZ color 65.6707, 66.6939, 71.6994 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

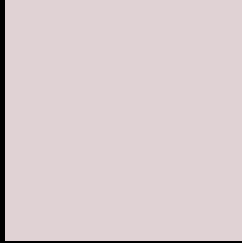
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.6707, 66.6939, 71.6994 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

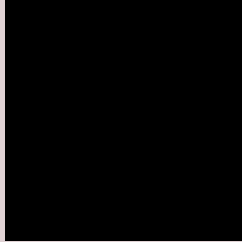
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

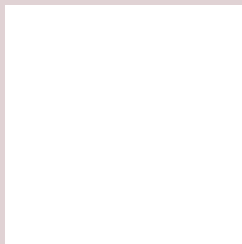
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 65.6707, 66.6939, 71.6994

## Background



This preview shows how black text looks on a background with the XYZ color 65.6707, 66.6939, 71.6994.



This preview shows how white text looks on a background with the XYZ color 65.6707, 66.6939,

71.6994.

# 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

65.6707, 66.6939, 71.6994

### Protanopia

64.1690, 66.6428, 72.4321

### Deuteranopia

68.0132, 66.4391, 72.1901



## Tritanopia

67.3745, 66.6623, 79.8371

# Trichromacy



## Original Color

65.6707, 66.6939, 71.6994

## Protanomaly

64.8197, 66.6083, 72.3911

## Deuteranomaly

66.9562, 66.2527, 72.2099

## Tritanomaly

66.7701, 66.7758, 77.0800

# Monochromacy



## Original Color

65.6707, 66.6939, 71.6994

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

64.7179, 67.2980, 72.5296

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.6707, 66.6939, 71.6994 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(224, 210, 212) looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 210, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 65.6707, 66.6939, 71.6994 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(224, 210, 212) }
```



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

```
.border{ border-color:rgb(224, 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(224, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 210,  
212) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.6707, 66.6939, 71.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 210, 212) }
```

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

```
.background{ background-color: rgb(224,  
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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