

# Converting Colors

XYZ(65.4746, 70.6374, 59.9511)

Have a look what the booklet for  
XYZ(65.4746, 70.6374, 59.9511)  
contains.

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# Color

**XYZ(65.5391, 70.6801,  
60.0575)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFDCC0
RGB	223, 220, 192
RGB Percent	87%, 86%, 75%
CMY	0.1255, 0.1372, 0.2471
CMYK	0.00, 0.01, 0.14, 0.13
HSL	54°, 33%, 81%
HSV	54°, 14%, 87%
XYZ	65.5391, 70.6801, 60.0575
YIQ	217.7050, 10.7760, -8.0720

# Conversions

## Conversions Part 2

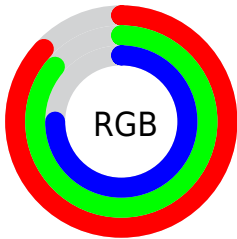
Format	Color
<a href="#">RYB</a>	<a href="#">195, 223, 192</a>
Decimal	<a href="#">14671040</a>
CIELab	<a href="#">87.33, -3.65, 14.13</a>
CIELCh	<a href="#">87, 14.598, 104.498</a>
Yxy	<a href="#">70.6801, 0.3339, 0.3601</a>
Android (android.graphics.Color)	<a href="#">4292861120 (0xFFFDCC0)</a>
YUV	<a href="#">217.7050, -12.6726, 4.6437</a>
Hunter-Lab	<a href="#">84.0715, -7.9728, 16.4955</a>

# Details

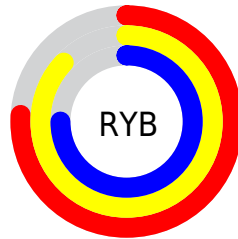
The XYZ color **65.5391, 70.6801, 60.0575** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.5726, 55.5636, 77.6614**, and the grayscale version is **66.5183, 69.9824, 76.2108**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **34.1910, 37.0701, 29.3979** is the 20% darker color. If you saturate the color by 10%, you get **62.6919, 68.6443, 47.8278**, and if you desaturate by 10%, it is **68.7719, 72.8865, 74.2644**.

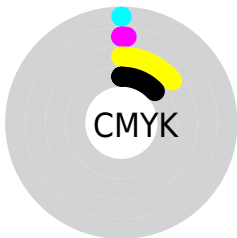
# Distribution



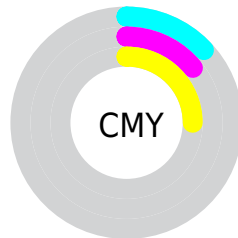
- Red (87%)
- Green (86%)
- Blue (75%)



- Red (76%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5391, 70.6801, 60.0575 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 65.5391, 70.6801, 60.0575 by changing the saturation by 10% instead.



■ 65.5391, 70.6801,  
60.0575

■ 65.5391, 70.6801,  
60.0575

434.2414,  
462.9344, 442.6202

■ 48.1647, 52.0812,  
43.0394

■ 111.8860,  
120.1781, 106.4573

■ 34.1691, 37.0698,  
29.5844

141.5891,  
151.8460, 136.6760

■ 23.1870, 25.2615,  
19.2740

176.1325,  
188.6390, 172.1320

■ 14.8531, 16.2720,  
11.6896

215.8816,  
230.9415, 213.2438

■ 8.8020, 9.7168,  
6.4127

261.2017,  
279.1379, 260.4300

■ 4.6683, 5.2116,  
3.0248

312.4581,

■ 2.0868, 2.3720,

333.6125, 314.1091

1.1073

370.0162,  
394.7499, 374.6997

■ 0.6820, 0.8114,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 65.5391, 70.6801,  
60.0575

■ 65.5391, 70.6801,  
60.0575

■ 62.6919, 68.6443,  
47.8278

■ 68.7719, 72.8865,  
74.2644

■ 60.2077, 66.7631,  
37.4825

■ 72.4003, 75.2604,  
90.5270

■ 58.0703, 65.0321,  
28.9278

■ 75.8063, 77.5572,  
105.5824

■ 56.2600, 63.4435,  
22.0603

■ 76.3976, 78.7398,  
105.7795

■ 54.7553, 61.9886,  
16.7660

■ 76.9964, 79.9373,  
105.9790

■ 53.5316, 60.6576,  
12.9165

■ 77.6025, 81.1496,  
106.1811

■ 52.5608, 59.4392,  
10.3638

■ 78.2161, 82.3769,  
106.3856

■ 51.8088, 58.3196,  
8.9276

■ 78.8372, 83.6191,  
106.5927

■ 51.4236, 57.6717,  
8.4214

■ 79.4658, 84.8763,  
106.8022

# Harmonies

## Analogous

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



68.9603, 70.6801, 60.1302



65.5391, 70.6801, 60.0575



62.6550, 70.6801, 64.2381

# Triad

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



65.5391, 70.6801, 60.0575



62.5770, 70.6801, 90.9942



73.7479, 70.6801, 82.1263

# Complementary

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



65.5391, 70.6801, 60.0575



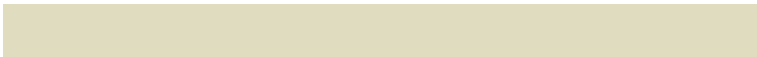
54.5726, 55.5636, 77.6614

# Split Complementary

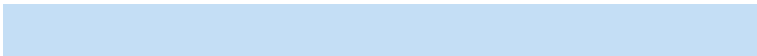
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9163, 70.6801, 91.2564



65.5391, 70.6801, 60.0575



65.4293, 70.6801, 96.6659

# Square

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



65.5391, 70.6801, 60.0575



60.9848, 70.6801, 81.7926



68.8467, 70.6801, 96.7657

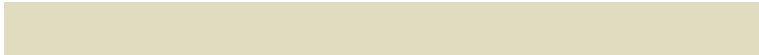


73.7797, 70.6801, 72.3189



# Rectangle

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



65.5391, 70.6801, 60.0575



61.3918, 70.6801, 69.0976



68.8467, 70.6801, 96.7657



73.3195, 70.6801, 85.3943

# Sweetspot

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



65.5410, 70.6832, 60.0590



93.1372, 98.7330, 100.3747



59.1436, 57.3329, 59.6392



19.8603, 21.0828, 21.1520



0.0000, 0.0000, 0.0000

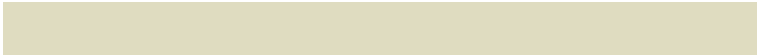


20.3446, 21.4041, 23.3091



# Same Dimension

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



65.5410, 70.6832, 60.0590



87.5176, 94.8719, 75.7556



62.6525, 70.3719, 60.1512



14.7526, 15.7912, 14.5772



30.2821, 34.0021, 4.9670



2.1323, 2.4235, 0.3554



# Inverse Universe

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



54.5726, 55.5636, 77.6614



69.6153, 70.1945, 104.4875



57.1815, 55.9220, 77.5931



13.0581, 13.4552, 17.2966



8.0320, 3.5336, 41.3071

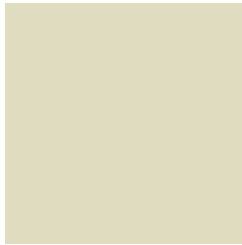


0.5937, 0.3188, 2.8755



# Previews

## White Background



This preview shows how the XYZ color 65.5391, 70.6801, 60.0575 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

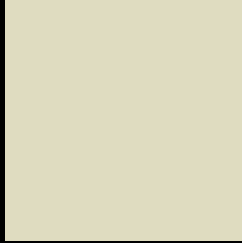
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.5391, 70.6801, 60.0575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

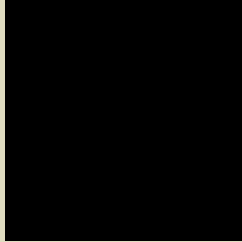
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

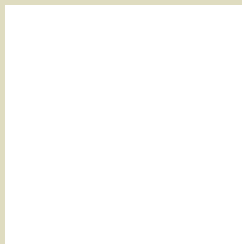
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 65.5391, 70.6801, 60.0575

## Background



This preview shows how black text looks on a background with the XYZ color 65.5391, 70.6801, 60.0575.



This preview shows how white text looks on a background with the XYZ color 65.5391, 70.6801,



# 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

65.5391, 70.6801, 60.0575

### Protanopia

66.7885, 70.5624, 59.3900

### Deuteranopia

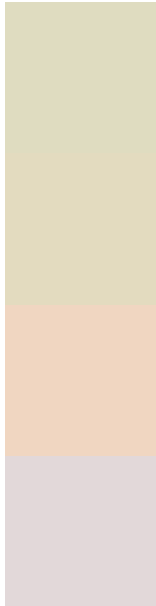
72.0988, 70.6233, 60.8706



## Tritanopia

70.4653, 70.3566, 85.4676

# Trichromacy



## Original Color

65.5391, 70.6801, 60.0575

## Protanomaly

66.4140, 70.7555, 59.4470

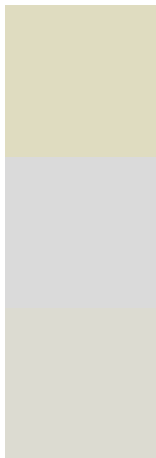
## Deuteranomaly

69.6074, 70.4687, 60.3852

## Tritanomaly

68.4443, 70.2902, 75.6056

# Monochromacy



## Original Color

65.5391, 70.6801, 60.0575

## Achromatopsia

66.6397, 70.1102, 76.3500

## Achromatomaly

66.3553, 70.4821, 70.4287

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.5391, 70.6801, 60.0575 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(223, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 192)  
}
```

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(223, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 65.5391, 70.6801, 60.0575 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(223, 220, 192) }
```



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

```
.border{ border-color:rgb(223, 220, 192) }
```

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

Here you see how a box with a 4 pixel rgb(223, 220, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 192);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.5391, 70.6801, 60.0575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 192) }
```

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

```
.background{ background-color: rgb(223,  
220, 192) }
```

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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