

Converting Colors

XYZ(65.2314, 65.6134, 75.6610)

Have a look what the booklet for
XYZ(65.2314, 65.6134, 75.6610)
contains.

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Color

**XYZ(65.3350, 65.7033,
75.5681)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DED0DA |
| RGB | 222, 208, 218 |
| RGB Percent | 87%, 82%, 85% |
| CMY | 0.1294, 0.1843, 0.1451 |
| CMYK | 0.00, 0.06, 0.02, 0.13 |
| HSL | 317°, 17%, 84% |
| HSV | 317°, 6%, 87% |
| XYZ | 65.3350, 65.7033, 75.5681 |
| YIQ | 213.3260, 5.1340, 6.0780 |

Conversions

Conversions Part 2

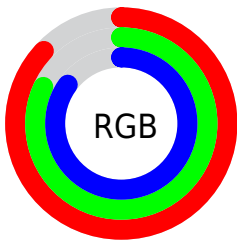
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 222, 208, 218 |
| Decimal | 14602458 |
| CIE Lab | 84.84, 6.60, -3.20 |
| CIE LCh | 85, 7.332, 334.089 |
| Yxy | 65.7033, 0.3162, 0.3180 |
| Android (android.graphics.Color) | 4292792538 (0xFFDED0DA) |
| YUV | 213.3260, 2.3043, 7.6071 |
| Hunter-Lab | 81.0576, 2.0260, 1.4656 |

Details

The XYZ color **65.3350, 65.7033, 75.5681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0199, 70.4078, 72.5068**, and the grayscale version is **63.4483, 66.7525, 72.6935**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1028, 33.9710, 39.4100** is the 20% darker color. If you saturate the color by 10%, you get **59.4829, 55.3017, 69.5996**, and if you desaturate by 10%, it is **71.9802, 77.6385, 81.9594**.

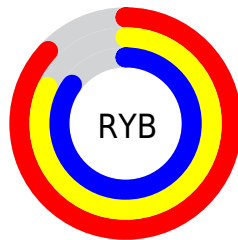
Distribution



Red (87%)

Green (82%)

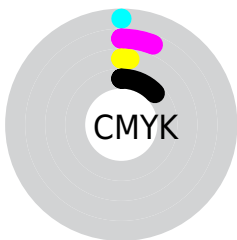
Blue (85%)



Red (87%)

Yellow (82%)

Blue (85%)

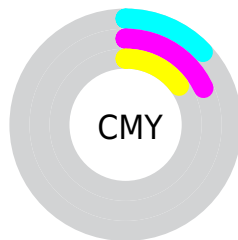


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3350, 65.7033, 75.5681 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 65.3350, 65.7033, 75.5681 by changing the saturation by 10% instead.

65.3350, 65.7033,
75.5681

65.3350, 65.7033,
75.5681

433.5210,
445.3150, 499.1754

47.9985, 48.0316,
55.5739

111.5944,
113.0604, 128.8707

34.0369, 33.8519,
39.4597

141.2479,
143.5145, 163.0162

23.0850, 22.7798,
26.8069

175.7379,
178.9983, 202.7158

14.7773, 14.4310,
17.1971

215.4296,
219.8961, 248.3881

8.7485, 8.4211,
10.2117

260.6884,
266.5922, 300.4517

4.6333, 4.3655,
5.4321

311.8797,

2.0663, 1.8801,

319.4712, 359.3251

2.4398

369.3688,
378.9173, 425.4268

■ 0.6708, 0.5364,
0.8080

■ 0.0000, 0.0000,
0.0000

■ 65.3350, 65.7033,
75.5681

■ 65.3350, 65.7033,
75.5681

■ 59.4829, 55.3017,
69.5996

■ 71.9802, 77.6385,
81.9594

■ 54.3866, 46.3624,
64.0374

■ 79.4428, 91.1577,
88.7809

■ 50.0143, 38.8211,
58.8698

■ 81.1760, 93.1664,
93.8528

■ 46.3294, 32.6056,
54.0829

■ 82.1199, 93.5439,
98.8235

43.2922, 27.6370,
49.6616

83.0970, 93.9348,
103.9687

40.8588, 23.8280,
45.5895

83.9347, 94.2698,
108.3798

38.9796, 21.0800,
41.8481

37.5967, 19.2780,
38.4162

36.6377, 18.2775,
35.2677

Harmonies

Analogous

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



64.2371, 65.7033, 79.3003



65.3350, 65.7033, 75.5681



65.6546, 65.7033, 70.8963

Triad

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



65.3350, 65.7033, 75.5681



62.2239, 65.7033, 62.8862



59.8681, 65.7033, 76.7334

Complementary

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



65.3350, 65.7033, 75.5681



64.0199, 70.4078, 72.5068

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.



59.3495, 65.7033, 72.1870



65.3350, 65.7033, 75.5681



60.6944, 65.7033, 64.3028

Square

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



65.3350, 65.7033, 75.5681



63.8402, 65.7033, 63.7035



59.6493, 65.7033, 67.6571



61.0782, 65.7033, 79.9935

Rectangle

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



65.3350, 65.7033, 75.5681



65.3788, 65.7033, 67.9088



59.6493, 65.7033, 67.6571



59.6081, 65.7033, 75.2979

Sweetspot

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



65.3369, 65.7061, 75.5695



93.2107, 96.6956, 107.1336



62.8851, 64.3810, 78.2207



19.9702, 20.7314, 22.9496



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.



65.3369, 65.7061, 75.5695



87.9593, 87.2980, 101.9755



64.4444, 65.3492, 70.8699



14.1193, 13.8653, 16.3982



21.6374, 10.7219, 20.5539



1.5378, 0.7584, 1.6247

Inverse Universe

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



65.3369, 65.7061, 75.5695



87.9593, 87.2980, 101.9755



64.9177, 70.7669, 77.2343



14.1193, 13.8653, 16.3982



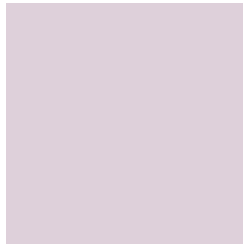
21.6374, 10.7219, 20.5539



1.5378, 0.7584, 1.6247

Previews

White Background



This preview shows how the XYZ color 65.3350, 65.7033, 75.5681 looks on a white background.

Color Contrast Check

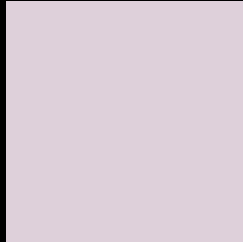
Large Text (above 18pt) WCAG AA × Fail

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 65.3350, 65.7033, 75.5681 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 65.3350, 65.7033, 75.5681

Background



This preview shows how black text looks on a background with the XYZ color 65.3350, 65.7033, 75.5681.



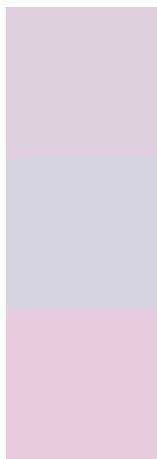
This preview shows how white text looks on a background with the XYZ color 65.3350, 65.7033,

75.5681.

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

65.3350, 65.7033, 75.5681

Protanopia

63.6531, 65.9020, 77.0756

Deuteranopia

66.9306, 65.4351, 76.1205



Tritanopia

66.0635, 65.6413, 79.0002

Trichromacy



Original Color

65.3350, 65.7033, 75.5681

Protanomaly

64.1517, 65.8066, 76.3386

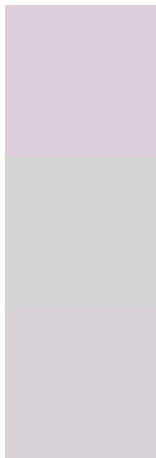
Deuteranomaly

66.2215, 65.4258, 76.1560

Tritanomaly

65.7954, 65.5341, 77.5882

Monochromacy



Original Color

65.3350, 65.7033, 75.5681

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8789, 66.0938, 73.6806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3350, 65.7033, 75.5681 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(222, 208, 218) looks like.

```
.text, #text, p{  
    color:rgb(222, 208, 218)  
}
```

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(222, 208, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 208, 218) }
```

Border

The CSS property to change the border of an element to XYZ 65.3350, 65.7033, 75.5681 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(222, 208, 218) }
```


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

```
.border{ border-color:rgb(222, 208, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 208, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 208, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 208, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 208,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3350, 65.7033, 75.5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 208, 218) }
```

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

```
.background{ background-color: rgb(222,  
208, 218) }
```

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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