

Converting Colors

XYZ(65.5363, 67.5583, 75.1480)

Have a look what the booklet for
XYZ(65.5363, 67.5583, 75.1480)
contains.

XYZ(65.5321, 67.6583, 75.2511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.5321, 67.6583,
75.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD5D9
RGB	219, 213, 217
RGB Percent	86%, 84%, 85%
CMY	0.1412, 0.1647, 0.1490
CMYK	0.00, 0.03, 0.01, 0.14
HSL	320°, 8%, 85%
HSV	320°, 3%, 86%
XYZ	65.5321, 67.6583, 75.2511
YIQ	215.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

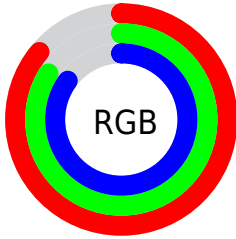
Format	Color
R _Y B	219, 213, 217
Decimal	14407129
CIE Lab	85.84, 2.77, -1.25
CIE LCh	86, 3.038, 335.734
Yxy	67.6583, 0.3144, 0.3246
Android (android.graphics.Color)	4292597209 (0xFFDBD5D9)
YUV	215.2500, 0.8628, 3.2887
Hunter-Lab	82.2547, -1.7351, 3.3365

Details

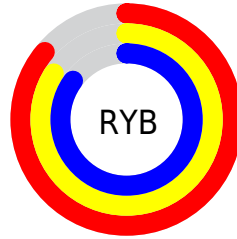
The XYZ color **65.5321, 67.6583, 75.2511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0404, 69.7174, 74.3223**, and the grayscale version is **64.7556, 68.1279, 74.1913**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0583, 34.9549, 39.1343** is the 20% darker color. If you saturate the color by 10%, you get **59.4627, 57.0057, 68.6440**, and if you desaturate by 10%, it is **72.3913, 79.8212, 82.3306**.

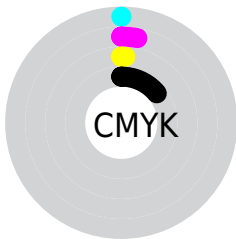
Distribution



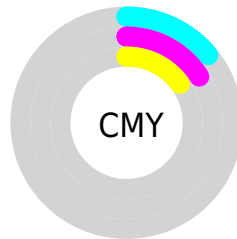
- Red (86%)
- Green (84%)
- Blue (85%)



- Red (86%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5321, 67.6583, 75.2511 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 65.5321, 67.6583, 75.2511 by changing the saturation by 10% instead.

■ 65.5321, 67.6583,
75.2511

■ 65.5321, 67.6583,
75.2511

434.2167,
452.2844, 498.0586

■ 48.1590, 49.6198,
55.3157

111.8760,
115.8632, 128.4181

■ 34.1646, 35.1114,
39.2542

141.5774,
146.7983, 162.4868

■ 23.1835, 23.7487,
26.6482

176.1190,
182.8012, 202.1035

■ 14.8505, 15.1473,
17.0791

215.8661,
224.2561, 247.6870

■ 8.8002, 8.9228,
10.1283

261.1841,
271.5475, 299.6557

■ 4.6671, 4.6909,
5.3774

312.4383,

■ 2.0861, 2.0671,

325.0597, 358.4282

2.4078

369.9940,
385.1773, 424.4230

■ 0.6816, 0.6460,
0.7907

■ 0.0000, 0.0000,
0.0000

■ 65.5321, 67.6583,
75.2511

■ 65.5321, 67.6583,
75.2511

■ 59.4627, 57.0057,
68.6440

■ 72.3913, 79.8212,
82.3306

■ 54.1472, 47.7954,
62.4923

■ 79.4842, 92.3844,
89.6973

■ 49.5552, 39.9667,
56.7839

■ 80.5415, 92.8074,
95.2649

■ 45.6525, 33.4516,
51.5047

■ 81.6424, 93.2477,
101.0621

■ 42.4014, 28.1762,
46.6392

■ 82.7874, 93.7057,
107.0917

■ 39.7610, 24.0592,
42.1711

■ 83.0239, 93.8003,
108.3372

■ 37.6851, 21.0094,
38.0819

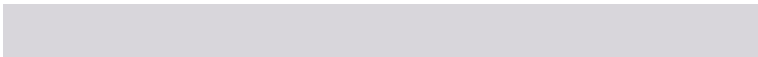
■ 36.1209, 18.9221,
34.3510

■ 35.0047, 17.6708,
30.9541

Harmonies

Analogous

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



65.0901, 67.6583, 76.8162



65.5321, 67.6583, 75.2511



65.6449, 67.6583, 73.2870

Triad

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



65.5321, 67.6583, 75.2511



64.1739, 67.6583, 69.9288



63.2294, 67.6583, 75.9243

Complementary

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



65.5321, 67.6583, 75.2511



65.0404, 69.7174, 74.3223

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.



62.9878, 67.6583, 74.0511



65.5321, 67.6583, 75.2511



63.5306, 67.6583, 70.6078

Square

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



65.5321, 67.6583, 75.2511



64.8575, 67.6583, 70.2371



63.0976, 67.6583, 72.1080



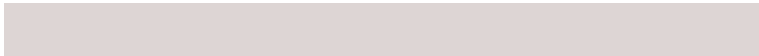
63.7600, 67.6583, 77.2097

Rectangle

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



65.5321, 67.6583, 75.2511



65.5175, 67.6583, 72.0205



63.0976, 67.6583, 72.1080



63.1119, 67.6583, 75.3412

Sweetspot

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



65.5340, 67.6612, 75.2526



94.1052, 98.3291, 107.9110



64.6074, 67.1533, 76.5757



20.1524, 21.0641, 23.1078



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.



65.5340, 67.6612, 75.2526



92.2497, 95.0525, 105.9533



65.1476, 67.5067, 73.2178



14.1822, 14.5363, 16.2979



20.4492, 10.1807, 17.2771



1.3642, 0.6753, 1.3266

Inverse Universe

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



65.5340, 67.6612, 75.2526



92.2497, 95.0525, 105.9533



65.4292, 69.8729, 76.3695



14.1822, 14.5363, 16.2979



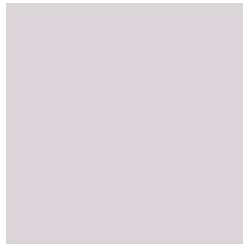
20.4492, 10.1807, 17.2771



1.3642, 0.6753, 1.3266

Previews

White Background



This preview shows how the XYZ color 65.5321, 67.6583, 75.2511 looks on a white background.

Color Contrast Check

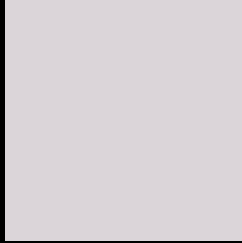
Large Text (above 18pt) WCAG AA × Fail

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 65.5321, 67.6583, 75.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

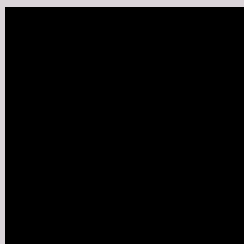
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

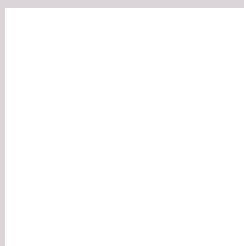
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5321, 67.6583, 75.2511

Background



This preview shows how black text looks on a background with the XYZ color 65.5321, 67.6583, 75.2511.



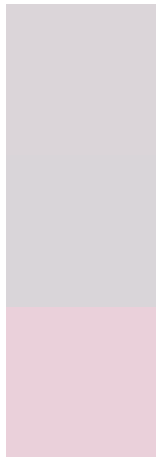
This preview shows how white text looks on a background with the XYZ color 65.5321, 67.6583,

75.2511.

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

65.5321, 67.6583, 75.2511

Protanopia

64.9339, 67.3500, 75.2231

Deuteranopia

69.1424, 67.6661, 75.7463



Tritanopia

67.1167, 67.5621, 82.9022

Trichromacy



Original Color

65.5321, 67.6583, 75.2511

Protanomaly

65.2321, 67.5037, 75.2371

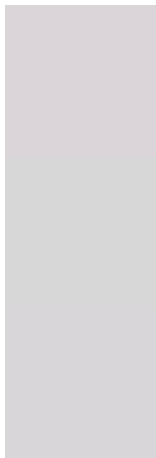
Deuteranomaly

68.0146, 67.8132, 75.8342

Tritanomaly

66.5132, 67.6844, 80.0798

Monochromacy



Original Color

65.5321, 67.6583, 75.2511

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7601, 67.6499, 74.6103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5321, 67.6583, 75.2511 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(219, 213, 217) looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 217)  
}
```

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(219, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 217) }
```

Border

The CSS property to change the border of an element to XYZ 65.5321, 67.6583, 75.2511 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(219, 213, 217) }
```


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

```
.border{ border-color:rgb(219, 213, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5321, 67.6583, 75.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 213, 217) }
```

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

```
.background{ background-color: rgb(219,  
213, 217) }
```

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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