

Converting Colors

XYZ(57.7069, 56.8440, 63.5700)

Have a look what the booklet for
XYZ(57.7069, 56.8440, 63.5700)
contains.

XYZ(57.7550, 56.8513, 63.8065)	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(57.7550, 56.8513,
63.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1CA
RGB	215, 193, 202
RGB Percent	84%, 76%, 79%
CMY	0.1569, 0.2431, 0.2078
CMYK	0.00, 0.10, 0.06, 0.16
HSL	335°, 22%, 80%
HSV	335°, 10%, 84%
XYZ	57.7550, 56.8513, 63.8065
YIQ	200.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

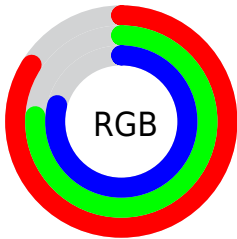
Format	Color
R _Y B	215, 193, 202
Decimal	14139850
CIE Lab	80.10, 9.29, -1.68
CIE LCh	80, 9.445, 349.738
Yxy	56.8513, 0.3237, 0.3187
Android (android.graphics.Color)	4292329930 (0xFFD7C1CA)
YUV	200.6040, 0.6882, 12.6253
Hunter-Lab	75.3998, 4.7784, 2.6062

Details

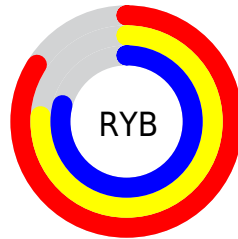
The XYZ color **57.7550, 56.8513, 63.8065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4356, 64.3961, 67.7982**, and the grayscale version is **55.2651, 58.1432, 63.3180**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.0751, 28.0769, 31.9039** is the 20% darker color. If you saturate the color by 10%, you get **51.9005, 47.4512, 54.7355**, and if you desaturate by 10%, it is **64.4276, 67.6878, 73.7629**.

Distribution



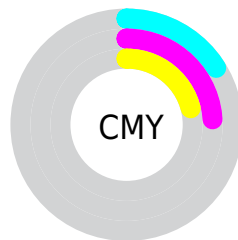
- Red (84%)
- Green (76%)
- Blue (79%)



- Red (84%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (16%)




- Cyan (16%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7550, 56.8513, 63.8065 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 57.7550, 56.8513, 63.8065 by changing the saturation by 10% instead.


 57.7550, 56.8513,
63.8065

 57.7550, 56.8513,
63.8065


406.2410,
412.8919, 456.6788

 41.8542, 40.8859,
46.0488


 100.6910,
100.2482, 111.9290

 29.1778, 28.2299,
31.9354


128.4570,
128.4484, 143.1309

 19.3603, 18.4990,
21.0477


160.9086,
161.4957, 179.6512

 12.0365, 11.3089,
12.9673

198.4115,
199.7745, 221.9086

 6.8409, 6.2750,
7.2756

241.3307,
243.6691, 270.3214

 3.4082, 3.0130,
3.5540

290.0319,

 1.3731, 1.1385,

293.5639, 325.3084

1.3840

344.8802,
349.8434, 387.2880

■ 0.2370, 0.0106,
0.1292

■ 0.0000, 0.0000,
0.0000

■ 57.7550, 56.8513,
63.8065

■ 57.7550, 56.8513,
63.8065

■ 51.9005, 47.4512,
54.7355

■ 64.4276, 67.6878,
73.7629

■ 46.8266, 39.4194,
46.5206

■ 71.9442, 80.0103,
84.6253

■ 42.5000, 32.6937,
39.1362

■ 79.5309, 92.2658,
96.1502

■ 38.8829, 27.2036,
32.5539

■ 81.4870, 93.0482,
106.4505

■ 35.9344, 22.8725,
26.7435

■ 81.8347, 93.1873,
108.2815

■ 33.6088, 19.6147,
21.6724

■ 31.8543, 17.3327,
17.3053

■ 30.6100, 15.9106,
13.6026

■ 29.7834, 15.1507,
10.5727

Harmonies

Analogous

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



56.9056, 56.8513, 68.9983



57.7550, 56.8513, 63.8065



57.5899, 56.8513, 58.3945

Triad

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



57.7550, 56.8513, 63.8065



52.7967, 56.8513, 52.4622



51.6816, 56.8513, 70.3364

Complementary

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



57.7550, 56.8513, 63.8065



57.4356, 64.3961, 67.7982

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.



50.6303, 56.8513, 65.5460



57.7550, 56.8513, 63.8065



51.2635, 56.8513, 55.3086

Square

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



57.7550, 56.8513, 63.8065



54.6966, 56.8513, 52.0578



50.4791, 56.8513, 60.0346



53.3796, 56.8513, 72.9137

Rectangle

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



57.7550, 56.8513, 63.8065



56.9280, 56.8513, 55.3774



50.4791, 56.8513, 60.0346



51.2425, 56.8513, 68.9187

Sweetspot

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



57.7566, 56.8538, 63.8077



91.9384, 94.9280, 104.3139



56.7451, 56.1469, 72.1375



19.5047, 20.0356, 22.0695



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.



57.7566, 56.8538, 63.8077



83.2769, 80.8960, 91.2811



57.1298, 57.2555, 58.4954



12.6317, 12.5042, 14.0008



17.8635, 9.0817, 6.5853



1.1180, 0.5640, 0.6107

Inverse Universe

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



57.7566, 56.8538, 63.8077



83.2769, 80.8960, 91.2811



58.0961, 63.9177, 73.5661



12.6317, 12.5042, 14.0008



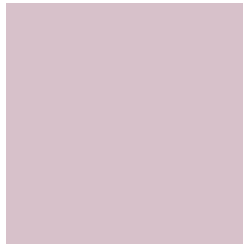
17.8635, 9.0817, 6.5853



1.1180, 0.5640, 0.6107

Previews

White Background



This preview shows how the XYZ color 57.7550, 56.8513, 63.8065 looks on a white background.

Color Contrast Check

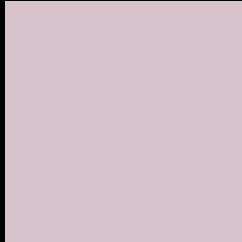
Large Text (above 18pt) WCAG AA × Fail

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 57.7550, 56.8513, 63.8065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

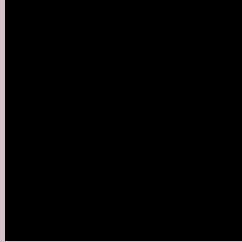
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7550, 56.8513, 63.8065

Background



This preview shows how black text looks on a background with the XYZ color 57.7550, 56.8513, 63.8065.



This preview shows how white text looks on a background with the XYZ color 57.7550, 56.8513,

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

57.7550, 56.8513, 63.8065

Protanopia

55.0329, 57.0753, 65.8737

Deuteranopia

58.0495, 57.0031, 63.8203



Tritanopia

58.4310, 56.8032, 66.9160

Trichromacy



Original Color

57.7550, 56.8513, 63.8065

Protanomaly

55.8158, 56.8186, 65.1520

Deuteranomaly

58.0495, 57.0031, 63.8203

Tritanomaly

58.1880, 56.7060, 65.6361

Monochromacy



Original Color

57.7550, 56.8513, 63.8065

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.1903, 57.7270, 63.4392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7550, 56.8513, 63.8065 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(215, 193, 202) looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 202)  
}
```

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(215, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.7550, 56.8513, 63.8065 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(215, 193, 202) }
```


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

```
.border{ border-color:rgb(215, 193, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7550, 56.8513, 63.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 202) }
```

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

```
.background{ background-color: rgb(215,  
193, 202) }
```

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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