

Converting Colors

XYZ(57.7505, 56.3503, 72.7417)

Have a look what the booklet for
XYZ(57.7505, 56.3503, 72.7417)
contains.

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Color

**XYZ(57.8226, 56.3588,
72.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C0D8
RGB	210, 192, 216
RGB Percent	82%, 75%, 85%
CMY	0.1765, 0.2470, 0.1529
CMYK	0.03, 0.11, 0.00, 0.15
HSL	285°, 24%, 80%
HSV	285°, 11%, 85%
XYZ	57.8226, 56.3588, 72.7965
YIQ	200.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

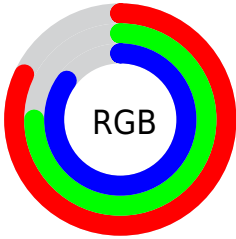
Format	Color
R _{YB}	210, 192, 216
Decimal	13811928
CIE Lab	79.82, 10.66, -9.68
CIE LCh	80, 14.398, 317.755
Yxy	56.3588, 0.3092, 0.3014
Android (android.graphics.Color)	4292002008 (0xFFD2C0D8)
YUV	200.1180, 7.8298, 8.6665
Hunter-Lab	75.0725, 6.1080, -4.9417

Details

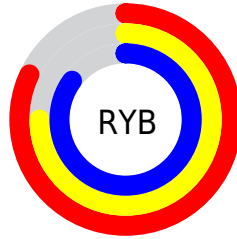
The XYZ color **57.8226, 56.3588, 72.7965** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3612, 64.9248, 59.3806**, and the grayscale version is **54.9258, 57.7862, 62.9292**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.1832, 28.0070, 37.5860** is the 20% darker color. If you saturate the color by 10%, you get **51.9123, 46.7818, 71.2603**, and if you desaturate by 10%, it is **64.4841, 67.3594, 74.5696**.

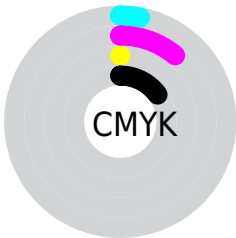
Distribution



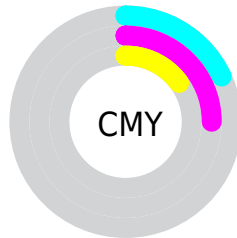
- Red (82%)
- Green (75%)
- Blue (85%)



- Red (82%)
- Yellow (75%)
- Blue (85%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8226, 56.3588, 72.7965 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 57.8226, 56.3588, 72.7965 by changing the saturation by 10% instead.

■ 57.8226, 56.3588,
72.7965

■ 57.8226, 56.3588,
72.7965

406.4891,
411.0423, 489.3611

■ 41.9088, 40.4907,
53.3188

■ 100.7889, 99.5290,
124.9065

■ 29.2206, 27.9213,
37.6678

128.5721,
127.5998, 158.3759

■ 19.3929, 18.2664,
25.4252

161.0425,
160.5070, 197.3462

■ 12.0602, 11.1414,
16.1722

198.5653,
198.6350, 242.2360

■ 6.8572, 6.1620,
9.4904

241.5061,
242.3681, 293.4639

■ 3.4185, 2.9438,
4.9613

290.2301,

■ 1.3787, 1.1025,

292.0908, 351.4483

2.1662

345.1026,
348.1873, 416.6079

■ 0.2410, 0.0000,
0.6548

■ 0.0000, 0.0000,
0.0000

■ 57.8226, 56.3588,
72.7965

■ 57.8226, 56.3588,
72.7965

■ 51.9123, 46.7818,
71.2603

■ 64.4841, 67.3594,
74.5696

■ 46.7176, 38.5605,
69.9472

■ 71.9208, 79.8334,
76.5854

■ 42.2071, 31.6323,
68.8477

■ 79.5828, 92.6797,
78.6611

■ 38.3454, 25.9266,
67.9499

■ 81.3054, 93.5677,
78.7417

35.0932, 21.3662,
67.2411

83.0817, 94.4834,
78.8248

32.4071, 17.8646,
66.7068

84.9125, 95.4272,
78.9105

30.2371, 15.3231,
66.3306

86.7979, 96.3992,
78.9988

28.5241, 13.6237,
66.0928

88.7387, 97.3997,
79.0896

27.2936, 12.6385,
65.9675

89.3948, 97.7379,
79.1203

Harmonies

Analogous

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



55.2940, 56.3588, 77.9491



57.8226, 56.3588, 72.7965



59.2309, 56.3588, 64.8314

Triad

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



57.8226, 56.3588, 72.7965



54.7644, 56.3588, 46.9830



48.4070, 56.3588, 66.3891

Complementary

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



57.8226, 56.3588, 72.7965



57.3612, 64.9248, 59.3806

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.



48.2768, 56.3588, 58.0247



57.8226, 56.3588, 72.7965



51.8770, 56.3588, 47.3178

Square

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



57.8226, 56.3588, 72.7965



57.4228, 56.3588, 50.2374



49.5262, 56.3588, 51.1979



49.8884, 56.3588, 74.0255

Rectangle

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



57.8226, 56.3588, 72.7965



59.3124, 56.3588, 59.2255



49.5262, 56.3588, 51.1979



48.2058, 56.3588, 63.5557

Sweetspot

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



57.8243, 56.3612, 72.7977



91.9577, 94.8548, 108.0699



54.4209, 56.7382, 73.0499



19.5096, 20.0156, 23.0851



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.



57.8243, 56.3612, 72.7977



82.3875, 79.1046, 105.5342



58.8530, 56.9738, 69.1309



12.6357, 12.4691, 15.6783



16.2582, 7.5339, 39.0504



1.0542, 0.4923, 2.3588

Inverse Universe

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



57.3636, 56.3780, 61.2877



81.6239, 79.1439, 85.9394



56.4431, 64.3785, 62.6384



12.5494, 12.4712, 13.5672



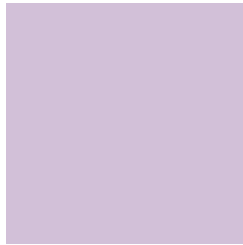
17.1928, 8.8135, 3.0536



1.0705, 0.5450, 0.3605

Previews

White Background



This preview shows how the XYZ color 57.8226, 56.3588, 72.7965 looks on a white background.

Color Contrast Check

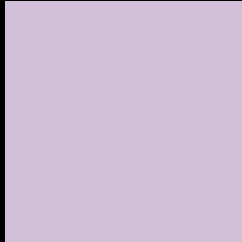
Large Text (above 18pt) WCAG AA × Fail

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 57.8226, 56.3588, 72.7965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

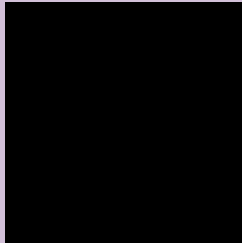
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8226, 56.3588, 72.7965

Background



This preview shows how black text looks on a background with the XYZ color 57.8226, 56.3588, 72.7965.



This preview shows how white text looks on a background with the XYZ color 57.8226, 56.3588,

72.7965.

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

57.8226, 56.3588, 72.7965

Protanopia

55.2581, 56.6491, 75.0398

Deuteranopia

57.5388, 56.2125, 72.7832



Tritanopia

56.7496, 56.2493, 67.5407

Trichromacy



Original Color

57.8226, 56.3588, 72.7965

Protanomaly

55.9894, 56.3715, 74.2595

Deuteranomaly

57.5388, 56.2125, 72.7832

Tritanomaly

57.1223, 56.3984, 69.5033

Monochromacy



Original Color

57.8226, 56.3588, 72.7965

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0087, 57.2261, 66.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8226, 56.3588, 72.7965 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(210, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 216)  
}
```

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(210, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 216) }
```

Border

The CSS property to change the border of an element to XYZ 57.8226, 56.3588, 72.7965 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(210, 192, 216) }
```


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

```
.border{ border-color:rgb(210, 192, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8226, 56.3588, 72.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 216) }
```

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

```
.background{ background-color: rgb(210,  
192, 216) }
```

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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