

Converting Colors

XYZ(57.4461, 56.1378, 72.8272)

Have a look what the booklet for
XYZ(57.4461, 56.1378, 72.8272)
contains.

XYZ(57.5388, 56.2125, 72.7832)	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(57.5388, 56.2125,
72.7832)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C0D8
RGB	209, 192, 216
RGB Percent	82%, 75%, 85%
CMY	0.1804, 0.2470, 0.1529
CMYK	0.03, 0.11, 0.00, 0.15
HSL	282°, 24%, 80%
HSV	282°, 11%, 85%
XYZ	57.5388, 56.2125, 72.7832
YIQ	199.8190, 2.4280, 11.0680

Conversions

Conversions Part 2

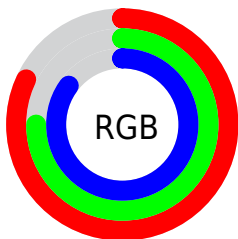
Format	Color
R _{YB}	209, 192, 216
Decimal	13746392
CIE _{Lab}	79.73, 10.32, -9.81
CIE _{LCh}	80, 14.242, 316.450
Yxy	56.2125, 0.3085, 0.3014
Android (android.graphics.Color)	4291936472 (0xFFD1C0D8)
YUV	199.8190, 7.9772, 8.0517
Hunter-Lab	74.9750, 5.7818, -5.0742

Details

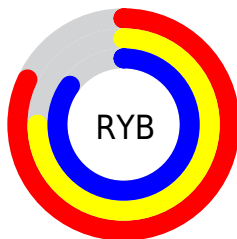
The XYZ color **57.5388, 56.2125, 72.7832** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6256, 65.0611, 59.3929**, and the grayscale version is **54.7412, 57.5921, 62.7177**.

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 **51.3927, 46.5139, 71.2360**, and if you desaturate by 10%, it is **64.4547, 67.3443, 74.5682**.

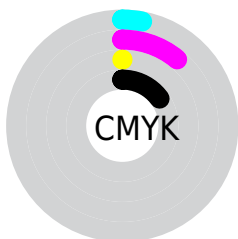
Distribution



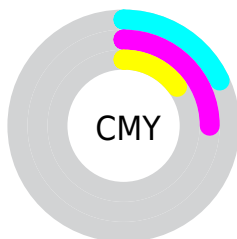
- Red (82%)
- Green (75%)
- Blue (85%)



- 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 57.5388, 56.2125, 72.7832 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 57.5388, 56.2125, 72.7832 by changing the saturation by 10% instead.

■ 57.5388, 56.2125,
72.7832

■ 57.5388, 56.2125,
72.7832

405.4468,
410.4918, 489.3137

■ 41.6798, 40.3733,
53.3080

■ 100.3778, 99.3152,
124.8874

■ 29.0407, 27.8297,
37.6593

128.0885,
127.3475, 158.3535

■ 19.2560, 18.1974,
25.4186

160.4804,
160.2130, 197.3203

■ 11.9605, 11.0918,
16.1673

197.9190,
198.2961, 242.2064

■ 6.7888, 6.1286,
9.4870

240.7696,
241.9811, 293.4302

■ 3.3755, 2.9234,
4.9590

289.3975,

■ 1.3553, 1.0919,

291.6525, 351.4103

2.1649

344.1681,
347.6946, 416.5653

■ 0.2241, 0.0000,
0.6540

■ 0.0000, 0.0000,
0.0000

■ 57.5388, 56.2125,
72.7832

■ 57.5388, 56.2125,
72.7832

■ 51.3927, 46.5139,
71.2360

■ 64.4547, 67.3443,
74.5682

■ 45.9805, 38.1805,
69.9127

■ 72.1647, 79.9592,
76.5967

■ 41.2706, 31.1495,
68.8038

■ 80.1193, 92.9562,
78.6862

■ 37.2270, 25.3501,
67.8976

■ 82.1538, 94.0050,
78.7814

■ 33.8105, 20.7049,
67.1810

■ 84.2619, 95.0918,
78.8801

■ 30.9769, 17.1273,
66.6398

■ 86.4443, 96.2169,
78.9822

■ 28.6764, 14.5184,
66.2575

■ 88.7019, 97.3807,
79.0878

■ 26.8490, 12.7602,
66.0144

■ 89.3948, 97.7379,
79.1203

■ 25.5304, 11.7296,
65.8850

Harmonies

Analogous

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



55.0102, 56.2125, 77.6923



57.5388, 56.2125, 72.7832



58.9887, 56.2125, 64.9933

Triad

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



57.5388, 56.2125, 72.7832



54.7349, 56.2125, 47.0597



48.2965, 56.2125, 65.8028

Complementary

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



57.5388, 56.2125, 72.7832



57.6256, 65.0611, 59.3929

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.



48.2288, 56.2125, 57.5685



57.5388, 56.2125, 72.7832



51.8770, 56.2125, 47.2341

Square

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



57.5388, 56.2125, 72.7832



57.3311, 56.2125, 50.4264



49.5184, 56.2125, 50.9263



49.7068, 56.2125, 73.4214

Rectangle

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



57.5388, 56.2125, 72.7832



59.1158, 56.2125, 59.4433



49.5184, 56.2125, 50.9263



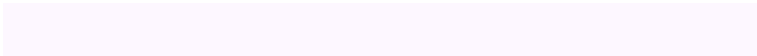
48.1178, 56.2125, 63.0029

Sweetspot

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



57.5405, 56.2149, 72.7844



91.8417, 94.7950, 108.0644



54.6047, 57.1058, 73.1111



19.4782, 19.9994, 23.0836



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.



57.5405, 56.2149, 72.7844



81.9029, 78.8548, 105.5115



58.9532, 57.0139, 69.6585



12.5838, 12.4423, 15.6759



15.2233, 7.0004, 39.0020



0.9987, 0.4637, 2.3562

Inverse Universe

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



57.4793, 56.4243, 61.8972



81.8188, 79.2219, 86.9659



56.3513, 64.3417, 62.1549



12.5708, 12.4798, 13.6800



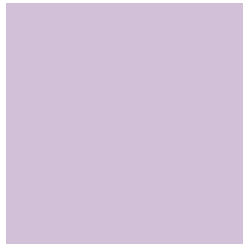
17.3341, 8.8700, 3.7977



1.0814, 0.5493, 0.4179

Previews

White Background



This preview shows how the XYZ color 57.5388, 56.2125, 72.7832 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 57.5388, 56.2125, 72.7832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

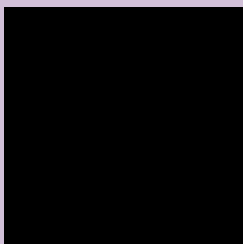
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

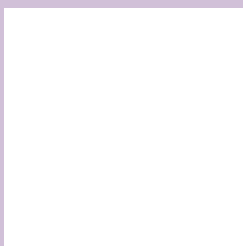
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5388, 56.2125, 72.7832

Background



This preview shows how black text looks on a background with the XYZ color 57.5388, 56.2125, 72.7832.



This preview shows how white text looks on a background with the XYZ color 57.5388, 56.2125,

72.7832.

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

57.5388, 56.2125, 72.7832

Protanopia

55.0318, 56.1964, 74.9643

Deuteranopia

57.2567, 56.0670, 72.7700



Tritanopia

56.4676, 56.1039, 67.5275

Trichromacy



Original Color

57.5388, 56.2125, 72.7832

Protanomaly

55.9894, 56.3715, 74.2595

Deuteranomaly

57.2567, 56.0670, 72.7700

Tritanomaly

56.8403, 56.2530, 69.4901

Monochromacy



Original Color

57.5388, 56.2125, 72.7832

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.7354, 57.0852, 66.4735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5388, 56.2125, 72.7832 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(209, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 216) }
```

Border

The CSS property to change the border of an element to XYZ 57.5388, 56.2125, 72.7832 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(209, 192, 216) }
```


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

```
.border{ border-color:rgb(209, 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(209, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(209, 192,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5388, 56.2125, 72.7832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 192, 216) }
```

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

```
.background{ background-color: rgb(209,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor