

Converting Colors

XYZ(56.0502, 52.7172, 66.8958)

Have a look what the booklet for
XYZ(56.0502, 52.7172, 66.8958)
contains.

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Color

**XYZ(56.0502, 52.7172,
66.8958)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B7D0
RGB	214, 183, 208
RGB Percent	84%, 72%, 82%
CMY	0.1608, 0.2823, 0.1843
CMYK	0.00, 0.14, 0.03, 0.16
HSL	312°, 27%, 78%
HSV	312°, 14%, 84%
XYZ	56.0502, 52.7172, 66.8958
YIQ	195.1190, 10.4510, 14.3470

Conversions

Conversions Part 2

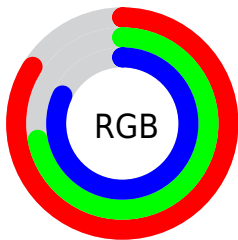
Format	Color
R_{YB}	214, 183, 208
Decimal	14071760
CIE _{Lab}	77.71, 15.38, -8.46
CIE _{LCh}	78, 17.552, 331.189
Yxy	52.7172, 0.3191, 0.3001
Android (android.graphics.Color)	4292261840 (0xFFD6B7D0)
YUV	195.1190, 6.3503, 16.5586
Hunter-Lab	72.6066, 10.7353, -3.8020

Details

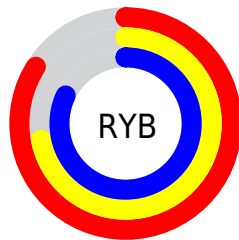
The XYZ color **56.0502, 52.7172, 66.8958** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **52.7624, 61.8360, 57.3016**, and the grayscale version is **51.9030, 54.6060, 59.4659**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **28.1134, 25.6693, 34.0448** is the 20% darker color. If you saturate the color by 10%, you get **51.4649, 44.3509, 62.8861**, and if you desaturate by 10%, it is **61.3230, 62.4356, 71.2016**.

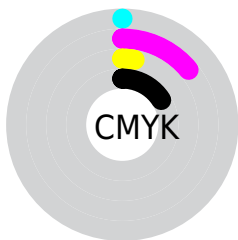
Distribution



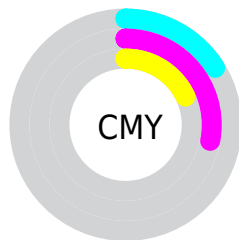
- Red (84%)
- Green (72%)
- Blue (82%)



- Red (84%)
- Yellow (72%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0502, 52.7172, 66.8958 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 56.0502, 52.7172, 66.8958 by changing the saturation by 10% instead.

■ 56.0502, 52.7172,
66.8958

■ 56.0502, 52.7172,
66.8958

399.9526,
397.1992, 468.0652

■ 40.4803, 37.5771,
48.5389

■ 98.2174, 94.1881,
116.4103

■ 28.0991, 25.6546,
33.8908

125.5454,
121.2877, 148.4050

■ 18.5412, 16.5654,
22.5331

157.5234,
153.1425, 185.7827

■ 11.4413, 9.9251,
14.0471

194.5170,
190.1369, 228.9619

■ 6.4339, 5.3493,
8.0143

236.8913,
232.6554, 278.3613

■ 3.1538, 2.4537,
4.0162

285.0118,

■ 1.2356, 0.8533,

281.0824, 334.3992

1.6342

339.2438,
335.8022, 397.4943

■ 0.1342, 0.0000,
0.3151

■ 0.0000, 0.0000,
0.0000

■ 56.0502, 52.7172,
66.8958

■ 56.0502, 52.7172,
66.8958

■ 51.4649, 44.3509,
62.8861

■ 61.3230, 62.4356,
71.2016

■ 47.5321, 37.2693,
59.1584

■ 67.3070, 73.5559,
75.8101

■ 44.2209, 31.4097,
55.7026

■ 74.0306, 86.1336,
80.7317

■ 41.4956, 26.7013,
52.5063

■ 77.0240, 91.2292,
84.4771

39.3173, 23.0661,
49.5560

77.5948, 91.4575,
87.4825

37.6419, 20.4163,
46.8365

78.1793, 91.6913,
90.5606

36.4185, 18.6502,
44.3304

78.7777, 91.9306,
93.7119

35.5853, 17.6442,
42.0164

79.3901, 92.1756,
96.9368

35.2338, 17.2971,
40.8024

80.0166, 92.4262,
100.2358

Harmonies

Analogous

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



53.5654, 52.7172, 74.9367



56.0502, 52.7172, 66.8958



56.9245, 52.7172, 57.0129

Triad

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



56.0502, 52.7172, 66.8958



49.9707, 52.7172, 40.6548



44.7234, 52.7172, 67.6429

Complementary

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



56.0502, 52.7172, 66.8958



52.7624, 61.8360, 57.3016

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.



43.8551, 52.7172, 57.7890



56.0502, 52.7172, 66.8958



46.7990, 52.7172, 42.8379

Square

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



56.0502, 52.7172, 66.8958



53.3205, 52.7172, 42.5194



44.5979, 52.7172, 48.8483



47.0236, 52.7172, 75.4012

Rectangle

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



56.0502, 52.7172, 66.8958



56.4466, 52.7172, 50.9006



44.5979, 52.7172, 48.8483



44.2591, 52.7172, 64.4305

Sweetspot

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



56.0517, 52.7195, 66.8969



91.5656, 93.5373, 106.1784



49.9811, 49.5031, 70.5399



19.4627, 19.7689, 22.6188



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.



56.0517, 52.7195, 66.8969



81.4242, 74.8634, 97.8380



54.2720, 52.0076, 57.5252



12.8452, 12.5896, 15.1249



21.3333, 10.4697, 24.8572



1.3138, 0.6423, 1.6416

Inverse Universe

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



56.0517, 52.7195, 66.8969



81.4242, 74.8634, 97.8380



54.4979, 62.5302, 66.4408



12.8452, 12.5896, 15.1249



21.3333, 10.4697, 24.8572



1.3138, 0.6423, 1.6416

Previews

White Background



This preview shows how the XYZ color 56.0502, 52.7172, 66.8958 looks on a white background.

Color Contrast Check

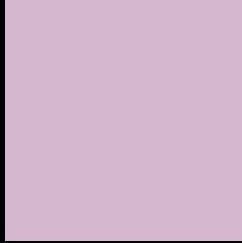
Large Text (above 18pt) WCAG AA × Fail

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 56.0502, 52.7172, 66.8958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

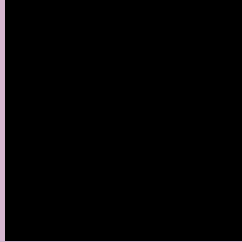
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0502, 52.7172, 66.8958

Background



This preview shows how black text looks on a background with the XYZ color 56.0502, 52.7172, 66.8958.



This preview shows how white text looks on a background with the XYZ color 56.0502, 52.7172,

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

56.0502, 52.7172, 66.8958

Protanopia

51.8762, 53.0128, 70.4491

Deuteranopia

53.9346, 52.8830, 66.3963



Tritanopia

55.0983, 52.9676, 61.3526

Trichromacy



Original Color

56.0502, 52.7172, 66.8958

Protanomaly

53.2943, 52.8117, 69.0128

Deuteranomaly

54.8338, 53.0327, 66.3778

Tritanomaly

55.2417, 52.6914, 63.1360

Monochromacy



Original Color

56.0502, 52.7172, 66.8958

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.4132, 53.9883, 62.2492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0502, 52.7172, 66.8958 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(214, 183, 208) looks like.

```
.text, #text, p{  
    color:rgb(214, 183, 208)  
}
```

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(214, 183, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.0502, 52.7172, 66.8958 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(214, 183, 208) }
```


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

```
.border{ border-color:rgb(214, 183, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 183, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 183, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 183, 208);  
box-shadow:4px 4px 4px 4px rgb(214, 183,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0502, 52.7172, 66.8958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 183, 208) }
```

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

```
.background{ background-color: rgb(214,  
183, 208) }
```

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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