

Converting Colors

XYZ(56.2877, 53.2383, 58.1726)

Have a look what the booklet for
XYZ(56.2877, 53.2383, 58.1726)
contains.

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Color

**XYZ(56.3933, 53.3917,
58.3723)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB8C2
RGB	220, 184, 194
RGB Percent	86%, 72%, 76%
CMY	0.1373, 0.2784, 0.2392
CMYK	0.00, 0.16, 0.12, 0.14
HSL	343°, 34%, 79%
HSV	343°, 16%, 86%
XYZ	56.3933, 53.3917, 58.3723
YIQ	195.9040, 18.2460, 10.7420

Conversions

Conversions Part 2

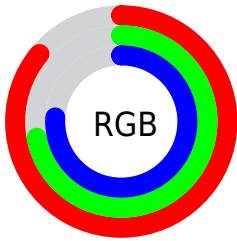
Format	Color
R _Y B	220, 184, 194
Decimal	14465218
CIE Lab	78.11, 14.52, -0.22
CIE LCh	78, 14.519, 359.128
Yxy	53.3917, 0.3354, 0.3175
Android (android.graphics.Color)	4292655298 (0xFFDCB8C2)
YUV	195.9040, -0.9387, 21.1322
Hunter-Lab	73.0696, 9.8900, 3.7844

Details

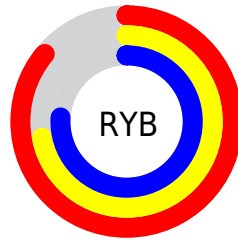
The XYZ color **56.3933, 53.3917, 58.3723** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.9954, 66.0312, 70.7173**, and the grayscale version is **52.4109, 55.1403, 60.0478**.

A 20% lighter version of the original color is **89.6554, 90.4823, 103.1820**, and **28.3670, 26.1254, 28.3585** is the 20% darker color. If you saturate the color by 10%, you get **50.4837, 44.2771, 48.0632**, and if you desaturate by 10%, it is **63.2075, 64.0088, 69.9257**.

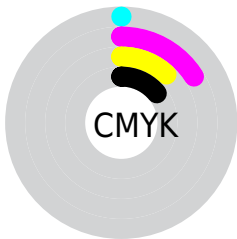
Distribution



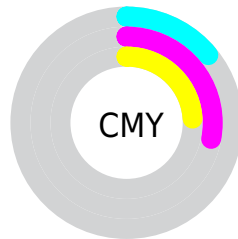
- Red (86%)
- Green (72%)
- Blue (76%)



- Red (86%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (14%)




- Cyan (14%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3933, 53.3917, 58.3723 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 56.3933, 53.3917, 58.3723 by changing the saturation by 10% instead.


 56.3933, 53.3917,
58.3723

 56.3933, 53.3917,
58.3723

401.2230,
399.7861, 436.2087

 40.7566, 38.1156,
41.6913


 98.7159, 95.1805,
103.9849

 28.3158, 26.0724,
28.5359


126.1324,
122.4619, 133.7537

 18.7055, 16.8778,
18.4875


158.2063,
154.5139, 168.7222

 11.5604, 10.1474,
11.1275

195.3029,
191.7209, 209.3089

 6.5152, 5.4968,
6.0374

237.7875,
234.4672, 255.9323

 3.2044, 2.5416,
2.7987

286.0255,

 1.2628, 0.8974,

283.1372, 309.0111

0.9928

340.3822,
338.1154, 368.9637

■ 0.1551, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3933, 53.3917,
58.3723

■ 56.3933, 53.3917,
58.3723

■ 50.4837, 44.2771,
48.0632

■ 63.2075, 64.0088,
69.9257

■ 45.4355, 36.5899,
38.9528

■ 70.9580, 76.1847,
82.7605

■ 41.2084, 30.2594,
30.9973

■ 79.6808, 89.9817,
96.9160

■ 37.7576, 25.2059,
24.1489

■ 83.3255, 93.9558,
108.3513

■ 35.0331, 21.3414,
18.3564

■ 32.9794, 18.5665,
13.5641

■ 31.5322, 16.7655,
9.7105

■ 30.6117, 15.7933,
6.7256

■ 30.3603, 15.5537,
5.8301

Harmonies

Analogous

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



55.5697, 53.3917, 66.5159



56.3933, 53.3917, 58.3723



55.6578, 53.3917, 50.8638

Triad

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



56.3933, 53.3917, 58.3723



48.1406, 53.3917, 45.5395



48.0021, 53.3917, 72.5851

Complementary

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



56.3933, 53.3917, 58.3723



56.9954, 66.0312, 70.7173

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.



46.1343, 53.3917, 66.0669



56.3933, 53.3917, 58.3723



46.2121, 53.3917, 50.4885

Square

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



56.3933, 53.3917, 58.3723



50.8302, 53.3917, 43.8843



45.4911, 53.3917, 57.8973



50.6643, 53.3917, 75.1772

Rectangle

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



56.3933, 53.3917, 58.3723



54.3973, 53.3917, 47.1137



45.4911, 53.3917, 57.8973



47.2642, 53.3917, 70.7524

Sweetspot

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



56.3948, 53.3941, 58.3734



89.6690, 91.5542, 99.9661



56.5820, 53.1232, 74.9823



19.0368, 19.3519, 21.1360



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.



56.3948, 53.3941, 58.3734



75.5090, 69.5162, 75.8795



56.9745, 56.2901, 53.2125



13.2039, 13.1107, 14.3350



17.8588, 9.1446, 3.6367



1.1932, 0.6069, 0.4265

Inverse Universe

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



56.3948, 53.3941, 58.3734



75.5090, 69.5162, 75.8795



56.2808, 62.5463, 76.8171



13.2039, 13.1107, 14.3350



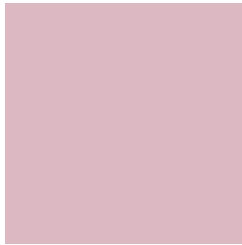
17.8588, 9.1446, 3.6367



1.1932, 0.6069, 0.4265

Previews

White Background



This preview shows how the XYZ color 56.3933, 53.3917, 58.3723 looks on a white background.

Color Contrast Check

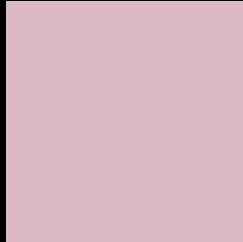
Large Text (above 18pt) WCAG AA × Fail

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 56.3933, 53.3917, 58.3723 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 56.3933, 53.3917, 58.3723

Background



This preview shows how black text looks on a background with the XYZ color 56.3933, 53.3917, 58.3723.



This preview shows how white text looks on a background with the XYZ color 56.3933, 53.3917,

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

56.3933, 53.3917, 58.3723

Protanopia

51.6641, 53.4249, 61.6219

Deuteranopia

54.5473, 53.3880, 57.8820



Tritanopia

56.6417, 53.1598, 60.7016

Trichromacy



Original Color

56.3933, 53.3917, 58.3723

Protanomaly

53.1775, 53.2638, 60.3015

Deuteranomaly

55.2089, 53.4151, 57.8524

Tritanomaly

56.5267, 53.1138, 60.0960

Monochromacy



Original Color

56.3933, 53.3917, 58.3723

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.8768, 54.6185, 59.3326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3933, 53.3917, 58.3723 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(220, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(220, 184, 194)  
}
```

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(220, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 184, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.3933, 53.3917, 58.3723 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(220, 184, 194) }
```


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

```
.border{ border-color:rgb(220, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(220, 184,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3933, 53.3917, 58.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 184, 194) }
```

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

```
.background{ background-color: rgb(220,  
184, 194) }
```

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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