

Converting Colors

XYZ(56.0499, 51.0388, 53.3681)

Have a look what the booklet for
XYZ(56.0499, 51.0388, 53.3681)
contains.

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Color

**XYZ(56.0668, 50.9267,
53.3292)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B0BA
RGB	227, 176, 186
RGB Percent	89%, 69%, 73%
CMY	0.1098, 0.3098, 0.2706
CMYK	0.00, 0.22, 0.18, 0.11
HSL	348°, 48%, 79%
HSV	348°, 22%, 89%
XYZ	56.0668, 50.9267, 53.3292
YIQ	192.3890, 27.1860, 13.9220

Conversions

Conversions Part 2

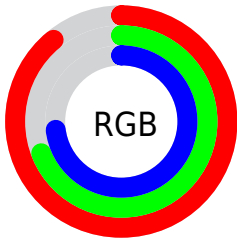
Format	Color
R _Y B	227, 176, 186
Decimal	14921914
CIE Lab	76.63, 20.05, 2.06
CIE LCh	77, 20.152, 5.876
Yxy	50.9267, 0.3497, 0.3177
Android (android.graphics.Color)	4293111994 (0xFFE3B0BA)
YUV	192.3890, -3.1498, 30.3538
Hunter-Lab	71.3629, 15.3546, 5.6469

Details

The XYZ color **56.0668, 50.9267, 53.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.9000, 69.1793, 75.9502**, and the grayscale version is **50.3381, 52.9596, 57.6731**.

A 20% lighter version of the original color is **86.1236, 85.3840, 95.9460**, and **28.1112, 24.5173, 25.4410** is the 20% darker color. If you saturate the color by 10%, you get **50.1647, 42.0314, 42.3931**, and if you desaturate by 10%, it is **62.9638, 61.4142, 65.8208**.

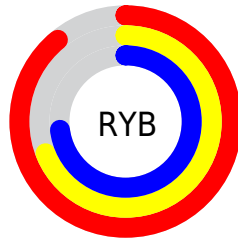
Distribution



Red (89%)

Green (69%)

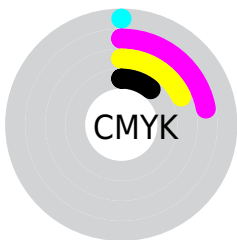
Blue (73%)



Red (89%)

Yellow (69%)

Blue (73%)

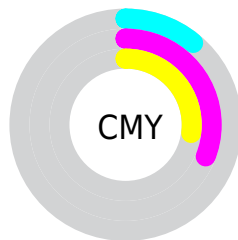


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0668, 50.9267, 53.3292 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 56.0668, 50.9267, 53.3292 by changing the saturation by 10% instead.


 56.0668, 50.9267,
53.3292

 56.0668, 50.9267,
53.3292


400.0141,
390.2789, 416.6489

 40.4937, 36.1503,
37.6761


 98.2415, 91.5464,
96.5351

 28.1096, 24.5503,
25.4315


125.5738,
118.1585, 124.9249

 18.5492, 15.7423,
16.1769


157.5565,
149.4846, 158.3974

 11.4470, 9.3420,
9.4937

194.5550,
185.9091, 197.3711

 6.4379, 4.9649,
4.9634

236.9347,
227.8164, 242.2646

 3.1563, 2.2267,
2.1674

285.0609,

 1.2369, 0.7345,

275.5908, 293.4964

0.6555

339.2989,
329.6169, 351.4850

■ 0.1352, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0668, 50.9267,
53.3292

■ 56.0668, 50.9267,
53.3292

■ 50.1647, 42.0314,
42.3931

■ 62.9638, 61.4142,
65.8208

■ 45.2070, 34.6437,
32.9479

■ 70.8947, 73.5592,
79.9225

■ 41.1450, 28.6816,
24.9291

■ 79.9015, 87.4321,
95.6904

■ 37.9240, 24.0526,
18.2664

■ 85.4888, 95.0710,
108.4525

■ 35.4831, 20.6531,
12.8830

■ 33.7529, 18.3642,
8.6943

■ 32.6509, 17.0432,
5.6049

■ 32.1428, 16.5166,
3.9259

Harmonies

Analogous

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



55.4060, 50.9267, 64.4790



56.0668, 50.9267, 53.3292



54.5889, 50.9267, 44.0371

Triad

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



56.0668, 50.9267, 53.3292



44.2351, 50.9267, 40.1227



45.4703, 50.9267, 76.8974

Complementary

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



56.0668, 50.9267, 53.3292



57.9000, 69.1793, 75.9502

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.



42.7054, 50.9267, 68.6831



56.0668, 50.9267, 53.3292



42.0189, 50.9267, 47.3068

Square

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



56.0668, 50.9267, 53.3292



47.6578, 50.9267, 37.0824



41.4738, 50.9267, 57.6274



49.1585, 50.9267, 79.0598

Rectangle

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



56.0668, 50.9267, 53.3292



52.6332, 50.9267, 39.8266



41.4738, 50.9267, 57.6274



44.4083, 50.9267, 74.7042

Sweetspot

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



56.0682, 50.9290, 53.3303



87.3924, 88.2452, 95.3713



57.9479, 51.3202, 79.5251



18.5711, 18.6822, 20.1744



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.



56.0682, 50.9290, 53.3303



69.2145, 60.5946, 62.4746



58.2129, 56.8601, 48.9841



14.4919, 14.4139, 15.5247



18.7782, 9.6455, 2.4613



1.4200, 0.7257, 0.3523

Inverse Universe

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



56.0682, 50.9290, 53.3303



69.2145, 60.5946, 62.4746



55.2400, 61.7150, 81.6742



14.4919, 14.4139, 15.5247



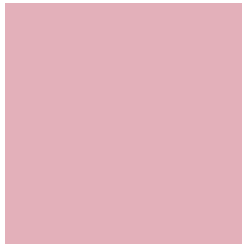
18.7782, 9.6455, 2.4613



1.4200, 0.7257, 0.3523

Previews

White Background



This preview shows how the XYZ color 56.0668, 50.9267, 53.3292 looks on a white background.

Color Contrast Check

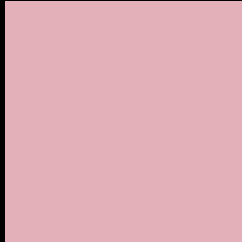
Large Text (above 18pt) WCAG AA × Fail

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 56.0668, 50.9267, 53.3292 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 56.0668, 50.9267, 53.3292

Background



This preview shows how black text looks on a background with the XYZ color 56.0668, 50.9267, 53.3292.



This preview shows how white text looks on a background with the XYZ color 56.0668, 50.9267,

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

56.0668, 50.9267, 53.3292

Protanopia

49.3471, 51.0232, 57.6997

Deuteranopia

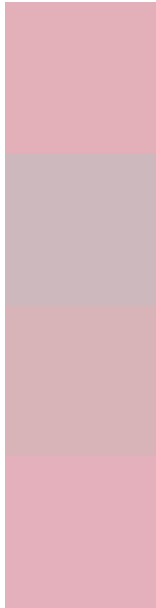
51.9849, 50.9251, 52.9886



Tritanopia

56.3892, 51.0557, 55.0268

Trichromacy



Original Color

56.0668, 50.9267, 53.3292

Protanomaly

51.6116, 50.9778, 55.8347

Deuteranomaly

53.3971, 50.7442, 52.8792

Tritanomaly

56.2810, 51.0124, 54.4570

Monochromacy



Original Color

56.0668, 50.9267, 53.3292

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.0300, 51.8147, 55.9741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0668, 50.9267, 53.3292 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(227, 176, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 186)  
}
```

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(227, 176, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 186) }
```

Border

The CSS property to change the border of an element to XYZ 56.0668, 50.9267, 53.3292 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(227, 176, 186) }
```


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

```
.border{ border-color:rgb(227, 176, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0668, 50.9267, 53.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 186) }
```

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

```
.background{ background-color: rgb(227,  
176, 186) }
```

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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