

Converting Colors

XYZ(56.6079, 52.3715, 50.4121)

Have a look what the booklet for
XYZ(56.6079, 52.3715, 50.4121)
contains.

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Color

**XYZ(56.5544, 52.4318,
50.3196)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4B4
RGB	228, 180, 180
RGB Percent	89%, 71%, 71%
CMY	0.1059, 0.2941, 0.2941
CMYK	0.00, 0.21, 0.21, 0.11
HSL	0°, 47%, 80%
HSV	0°, 21%, 89%
XYZ	56.5544, 52.4318, 50.3196
YIQ	194.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

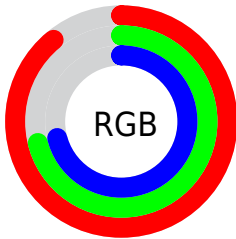
Format	Color
R _Y B	228, 180, 180
Decimal	14988468
CIE Lab	77.54, 17.36, 6.64
CIE LCh	78, 18.591, 20.942
Yxy	52.4318, 0.3550, 0.3291
Android (android.graphics.Color)	4293178548 (0xFFE4B4B4)
YUV	194.3520, -7.0755, 29.5093
Hunter-Lab	72.4098, 12.6971, 9.4846

Details

The XYZ color **56.5544, 52.4318, 50.3196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.5687, 70.7896, 83.8707**, and the grayscale version is **51.5166, 54.1995, 59.0233**.

A 20% lighter version of the original color is **86.3758, 87.3070, 91.6563**, and **28.4334, 25.4817, 23.4985** is the 20% darker color. If you saturate the color by 10%, you get **50.1902, 43.1195, 37.6660**, and if you desaturate by 10%, it is **64.0605, 63.4156, 65.2399**.

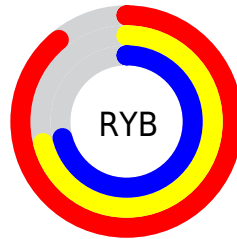
Distribution



Red (89%)

Green (71%)

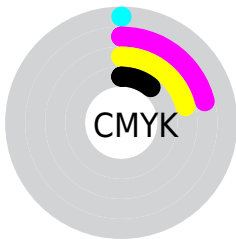
Blue (71%)



Red (89%)

Yellow (71%)

Blue (71%)

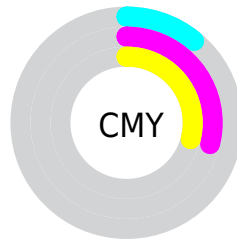


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5544, 52.4318, 50.3196 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 56.5544, 52.4318, 50.3196 by changing the saturation by 10% instead.


 56.5544, 52.4318,
50.3196

 56.5544, 52.4318,
50.3196


401.8187,
396.1013, 404.6853

 40.8863, 37.3494,
35.2945


 98.9498, 93.7677,
92.0494

 28.4176, 25.4781,
23.6044

126.4079,
120.7900, 119.5911

 18.7827, 16.4336,
14.8310


158.5267,
152.5611, 152.1422

 11.6165, 9.8315,
8.5555

195.6715,
189.4653, 190.1210

 6.5534, 5.2874,
4.3596

238.2078,
231.8870, 233.9462

 3.2282, 2.4169,
1.8246

286.5008,

 1.2756, 0.8345,

280.2107, 284.0363

0.4441

340.9160,
334.8206, 340.8098

■ 0.1648, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5544, 52.4318,
50.3196

■ 56.5544, 52.4318,
50.3196

■ 50.1902, 43.1195,
37.6660

■ 64.0605, 63.4156,
65.2399

■ 44.9080, 35.3902,
27.1653

■ 72.7560, 76.1395,
82.5268

■ 40.6490, 29.1579,
18.6986

■ 82.6911, 90.6771,
102.2780

■ 37.3468, 24.3258,
12.1344

■ 85.8051, 95.2341,
108.4673

■ 34.9276, 20.7857,
7.3256

■ 33.3066, 18.4136,
4.1036

■ 32.3826, 17.0613,
2.2671

■ 31.9953, 16.4945,
1.4974

Harmonies

Analogous

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



56.9572, 52.4318, 60.2544



56.5544, 52.4318, 50.3196



54.3061, 52.4318, 43.0901

Triad

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



56.5544, 52.4318, 50.3196



44.6713, 52.4318, 45.5308



48.7574, 52.4318, 78.8897

Complementary

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



56.5544, 52.4318, 50.3196



60.5687, 70.7896, 83.8707

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.



45.6161, 52.4318, 73.8330



56.5544, 52.4318, 50.3196



43.3324, 52.4318, 54.0370

Square

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



56.5544, 52.4318, 50.3196



47.4113, 52.4318, 40.5644



43.6698, 52.4318, 64.4405



52.3396, 52.4318, 77.5845

Rectangle

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



56.5544, 52.4318, 50.3196



52.1199, 52.4318, 40.3879



43.6698, 52.4318, 64.4405



47.6176, 52.4318, 77.8571

Sweetspot

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



56.5558, 52.4342, 50.3207



87.9959, 89.6780, 94.8763



62.3203, 54.7386, 80.6802



18.6778, 18.9651, 19.9955



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.



56.5558, 52.4342, 50.3207



69.3582, 62.4059, 57.8246



61.8265, 62.9756, 52.0776



14.3772, 14.3682, 14.9200



18.4752, 9.5246, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



60.5687, 70.7896, 83.8707



75.3569, 89.8451, 107.9778



54.4194, 58.4911, 81.8209



14.8074, 16.3362, 18.5171



24.1030, 35.2681, 47.9202



1.7812, 2.6063, 3.5411

Previews

White Background



This preview shows how the XYZ color 56.5544, 52.4318, 50.3196 looks on a white background.

Color Contrast Check

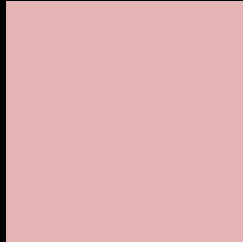
Large Text (above 18pt) WCAG AA × Fail

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 56.5544, 52.4318, 50.3196 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 56.5544, 52.4318, 50.3196

Background



This preview shows how black text looks on a background with the XYZ color 56.5544, 52.4318, 50.3196.



This preview shows how white text looks on a background with the XYZ color 56.5544, 52.4318,

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

56.5544, 52.4318, 50.3196

Protanopia

50.5197, 52.6771, 53.9594

Deuteranopia

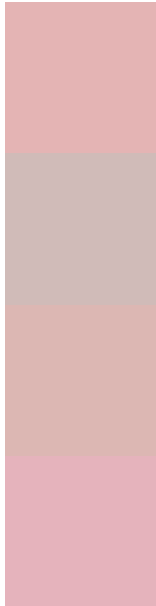
53.5100, 52.3997, 49.9417



Tritanopia

57.7479, 52.3046, 56.9213

Trichromacy



Original Color

56.5544, 52.4318, 50.3196

Protanomaly

52.4345, 52.4112, 52.7002

Deuteranomaly

54.5854, 52.3373, 49.8730

Tritanomaly

57.5103, 52.5291, 54.6850

Monochromacy



Original Color

56.5544, 52.4318, 50.3196

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8365, 53.1911, 55.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5544, 52.4318, 50.3196 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(228, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 180)  
}
```

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(228, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 180) }
```

Border

The CSS property to change the border of an element to XYZ 56.5544, 52.4318, 50.3196 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(228, 180, 180) }
```


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

```
.border{ border-color:rgb(228, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5544, 52.4318, 50.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 180) }
```

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

```
.background{ background-color: rgb(228,  
180, 180) }
```

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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