

Converting Colors

XYZ(56.8346, 52.3025, 51.2309)

Have a look what the booklet for
XYZ(56.8346, 52.3025, 51.2309)
contains.

XYZ(56.8767, 52.2756, 51.3484)	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(56.8767, 52.2756,
51.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3B6
RGB	229, 179, 182
RGB Percent	90%, 70%, 71%
CMY	0.1020, 0.2980, 0.2863
CMYK	0.00, 0.22, 0.21, 0.10
HSL	356°, 49%, 80%
HSV	356°, 22%, 90%
XYZ	56.8767, 52.2756, 51.3484
YIQ	194.2920, 28.8370, 11.5330

Conversions

Conversions Part 2

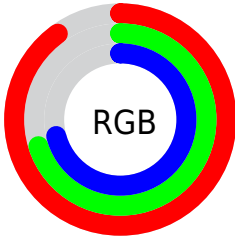
Format	Color
R _Y B	229, 179, 182
Decimal	15053750
CIE Lab	77.45, 18.56, 5.44
CIE LCh	77, 19.341, 16.329
Yxy	52.2756, 0.3544, 0.3257
Android (android.graphics.Color)	4293243830 (0xFFE5B3B6)
YUV	194.2920, -6.0600, 30.4389
Hunter-Lab	72.3019, 13.8898, 8.5039

Details

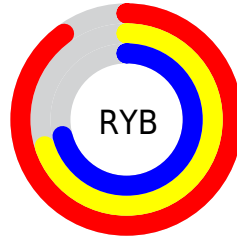
The XYZ color **56.8767, 52.2756, 51.3484** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.3393, 71.1146, 82.5014**, and the grayscale version is **51.4751, 54.1558, 58.9757**.

A 20% lighter version of the original color is **86.3809, 86.8497, 93.0998**, and **28.6569, 25.3909, 24.1594** is the 20% darker color. If you saturate the color by 10%, you get **50.6061, 43.0251, 39.1126**, and if you desaturate by 10%, it is **64.2544, 63.1920, 65.6418**.

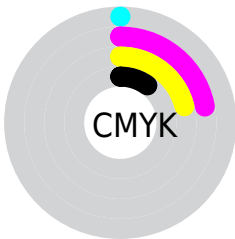
Distribution



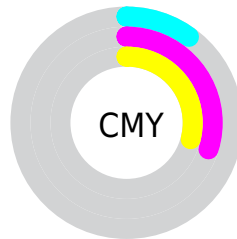
- Red (90%)
- Green (70%)
- Blue (71%)



- Red (90%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8767, 52.2756, 51.3484 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 56.8767, 52.2756, 51.3484 by changing the saturation by 10% instead.


 56.8767, 52.2756,
51.3484

 56.8767, 52.2756,
51.3484


403.0088,
395.4997, 408.8010

 41.1460, 37.2248,
36.1073

 99.4177, 93.5376,
93.5863

 28.6214, 25.3816,
24.2267


126.9586,
120.5175, 121.4202

 18.9374, 16.3616,
15.2881


159.1671,
152.2426, 154.2888

 11.7288, 9.7804,
8.8730

196.4083,
189.0973, 192.6107

 6.6302, 5.2536,
4.5628

239.0478,
231.4660, 236.8042

 3.2762, 2.3968,
1.9389

287.4508,

 1.3014, 0.8242,

279.7330, 287.2881

0.5173

341.9827,
334.2828, 344.4809

■ 0.1843, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8767, 52.2756,
51.3484

■ 56.8767, 52.2756,
51.3484

■ 50.6061, 43.0251,
39.1126

■ 64.2544, 63.1920,
65.6418

■ 45.3852, 35.3520,
28.8367

■ 72.7844, 75.8429,
82.0780

■ 41.1577, 29.1702,
20.4198

■ 82.5148, 90.3019,
100.7413

■ 37.8606, 24.3828,
13.7506

■ 86.1233, 95.3981,
108.4822

■ 35.4236, 20.8815,
8.7061

■ 33.7661, 18.5417,
5.1474

■ 32.7926, 17.2145,
2.9119

■ 32.3907, 16.6891,
1.9198

Harmonies

Analogous

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



56.9708, 52.2756, 61.9030



56.8767, 52.2756, 51.3484



54.7946, 52.2756, 43.3424

Triad

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



56.8767, 52.2756, 51.3484



44.6869, 52.2756, 43.9053



48.0138, 52.2756, 79.2510

Complementary

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



56.8767, 52.2756, 51.3484



60.3393, 71.1146, 82.5014

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.



44.9060, 52.2756, 73.0710



56.8767, 52.2756, 51.3484



43.0510, 52.2756, 52.2104

Square

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



56.8767, 52.2756, 51.3484



47.7011, 52.2756, 39.4265



43.1291, 52.2756, 62.8791



51.7260, 52.2756, 78.9446

Rectangle

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



56.8767, 52.2756, 51.3484



52.6159, 52.2756, 40.1336



43.1291, 52.2756, 62.8791



46.8677, 52.2756, 77.8332

Sweetspot

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



56.8781, 52.2780, 51.3495



87.0325, 88.1012, 93.4763



61.5241, 54.0147, 81.3124



18.4881, 18.6490, 19.7371



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.



56.8781, 52.2780, 51.3495



68.9623, 61.3619, 58.4701



61.2604, 61.5326, 51.2990



14.4118, 14.3819, 15.1031



18.5337, 9.5477, 1.1735



1.3820, 0.7105, 0.1521

Inverse Universe

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



56.8781, 52.2780, 51.3495



68.9623, 61.3619, 58.4701



55.1290, 60.0302, 82.8106



14.4118, 14.3819, 15.1031



18.5337, 9.5477, 1.1735



1.3820, 0.7105, 0.1521

Previews

White Background



This preview shows how the XYZ color 56.8767, 52.2756, 51.3484 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 56.8767, 52.2756, 51.3484 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 56.8767, 52.2756, 51.3484

Background



This preview shows how black text looks on a background with the XYZ color 56.8767, 52.2756, 51.3484.



This preview shows how white text looks on a background with the XYZ color 56.8767, 52.2756,

51.3484.

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

56.8767, 52.2756, 51.3484

Protanopia

50.5811, 52.6715, 55.6448

Deuteranopia

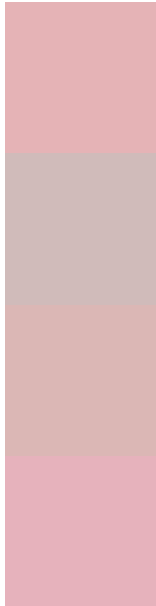
53.4210, 52.3303, 51.0012



Tritanopia

57.9575, 52.4254, 56.3546

Trichromacy



Original Color

56.8767, 52.2756, 51.3484

Protanomaly

52.6457, 52.4957, 53.8123

Deuteranomaly

54.4874, 52.2632, 50.9321

Tritanomaly

57.6306, 52.2946, 54.6334

Monochromacy



Original Color

56.8767, 52.2756, 51.3484

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.2240, 53.3783, 56.2130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8767, 52.2756, 51.3484 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(229, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 182)  
}
```

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(229, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 182) }
```

Border

The CSS property to change the border of an element to XYZ 56.8767, 52.2756, 51.3484 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(229, 179, 182) }
```


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

```
.border{ border-color:rgb(229, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8767, 52.2756, 51.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 182) }
```

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

```
.background{ background-color: rgb(229,  
179, 182) }
```

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