

Converting Colors

XYZ(57.8520, 54.8855, 56.6852)

Have a look what the booklet for
XYZ(57.8520, 54.8855, 56.6852)
contains.

XYZ(57.7033, 54.7267, 56.8122)	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(57.7033, 54.7267,
56.8122)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BABF
RGB	224, 186, 191
RGB Percent	88%, 73%, 75%
CMY	0.1216, 0.2706, 0.2510
CMYK	0.00, 0.17, 0.15, 0.12
HSL	352°, 38%, 80%
HSV	352°, 17%, 88%
XYZ	57.7033, 54.7267, 56.8122
YIQ	197.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

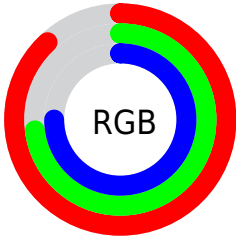
Format	Color
R _Y B	224, 186, 191
Decimal	14727871
CIE Lab	78.88, 14.39, 2.58
CIE LCh	79, 14.622, 10.166
Yxy	54.7267, 0.3410, 0.3234
Android (android.graphics.Color)	4292917951 (0xFFE0BABF)
YUV	197.9320, -3.4175, 22.8616
Hunter-Lab	73.9775, 9.7714, 6.2515

Details

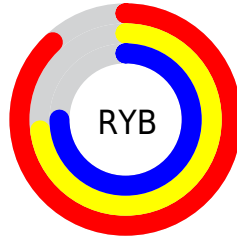
The XYZ color **57.7033, 54.7267, 56.8122** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.6937, 68.8661, 77.1675**, and the grayscale version is **53.6476, 56.4415, 61.4648**.

A 20% lighter version of the original color is **89.7806, 91.4797, 100.9211**, and **29.1234, 26.9349, 27.7087** is the 20% darker color. If you saturate the color by 10%, you get **51.3485, 45.2185, 44.8234**, and if you desaturate by 10%, it is **65.0853, 65.8331, 70.5478**.

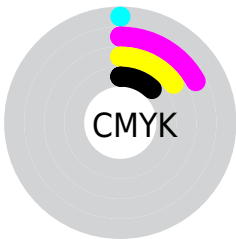
Distribution



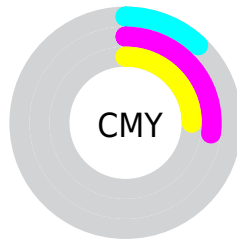
- Red (88%)
- Green (73%)
- Blue (75%)



- Red (88%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (12%)





- Cyan (12%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7033, 54.7267, 56.8122 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 57.7033, 54.7267, 56.8122 by changing the saturation by 10% instead.


 57.7033, 54.7267,
56.8122

 57.7033, 54.7267,
56.8122


406.0512,
404.8751, 430.2192

 41.8125, 39.1830,
40.4461


 100.6161, 97.1404,
101.6887

 29.1450, 26.9021,
27.5701


128.3689,
124.7792, 131.0363

 19.3353, 17.4997,
17.7657

160.8063,
157.2184, 165.5480

 12.0183, 10.5914,
10.6142

198.2937,
194.8424, 205.6426

 6.8284, 5.7928,
5.6971

241.1966,
238.0358, 251.7384

 3.4004, 2.7195,
2.5960

289.8802,

 1.3689, 0.9871,

287.1827, 304.2541

0.8904

344.7100,
342.6677, 363.6082

■ 0.2339, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7033, 54.7267,
56.8122

■ 57.7033, 54.7267,
56.8122

■ 51.3485, 45.2185,
44.8234

■ 65.0853, 65.8331,
70.5478

■ 45.9709, 37.2278,
34.5079

■ 73.5326, 78.5986,
86.0928

■ 41.5229, 30.6782,
25.7920

■ 83.0869, 93.0903,
103.5109

■ 37.9515, 25.4836,
18.5951

■ 84.5507, 94.5874,
108.4086

■ 35.1979, 21.5489,
12.8298

■ 33.1963, 18.7664,
8.3994

■ 31.8703, 17.0103,
5.1951

■ 31.1233, 16.1186,
3.0893

■ 30.9681, 15.9384,
2.6362

Harmonies

Analogous

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



57.4429, 54.7267, 65.1757



57.7033, 54.7267, 56.8122



56.3972, 54.7267, 49.8646

Triad

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



57.7033, 54.7267, 56.8122



48.4998, 54.7267, 48.1926



50.1459, 54.7267, 75.9180

Complementary

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



57.7033, 54.7267, 56.8122



59.6937, 68.8661, 77.1675

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.



47.8679, 54.7267, 70.4999



57.7033, 54.7267, 56.8122



46.9423, 54.7267, 54.3293

Square

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



57.7033, 54.7267, 56.8122



51.0376, 54.7267, 45.2035



46.7154, 54.7267, 62.4529



53.0070, 54.7267, 76.7402

Rectangle

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



57.7033, 54.7267, 56.8122



54.8414, 54.7267, 46.7741



46.7154, 54.7267, 62.4529



49.2895, 54.7267, 74.5515

Sweetspot

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



57.7048, 54.7292, 56.8133



89.3846, 91.4404, 98.4681



60.2084, 55.5519, 78.0707



18.9679, 19.3243, 20.7731



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.



57.7048, 54.7292, 56.8133



74.5539, 69.1341, 70.8496



60.2439, 60.6722, 54.9931



13.7802, 13.7297, 14.6129



18.0492, 9.2867, 1.6589



1.2752, 0.6533, 0.2418

Inverse Universe

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



57.7048, 54.7292, 56.8133



74.5539, 69.1341, 70.8496



56.7693, 61.9489, 79.4867



13.7802, 13.7297, 14.6129



18.0492, 9.2867, 1.6589



1.2752, 0.6533, 0.2418

Previews

White Background



This preview shows how the XYZ color 57.7033, 54.7267, 56.8122 looks on a white background.

Color Contrast Check

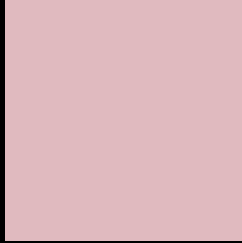
Large Text (above 18pt) WCAG AA × Fail

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 57.7033, 54.7267, 56.8122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

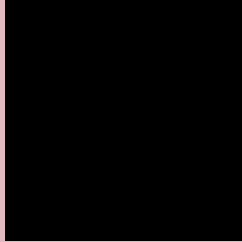
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7033, 54.7267, 56.8122

Background



This preview shows how black text looks on a background with the XYZ color 57.7033, 54.7267, 56.8122.



This preview shows how white text looks on a background with the XYZ color 57.7033, 54.7267,

56.8122.

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

57.7033, 54.7267, 56.8122

Protanopia

53.0321, 55.1578, 60.0760

Deuteranopia

55.8108, 54.7118, 56.3341



Tritanopia

58.7091, 54.8290, 61.5216

Trichromacy



Original Color

57.7033, 54.7267, 56.8122

Protanomaly

54.5997, 55.0042, 58.7781

Deuteranomaly

56.4909, 54.7442, 56.3045

Tritanomaly

58.3641, 54.6910, 59.7048

Monochromacy



Original Color

57.7033, 54.7267, 56.8122

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8742, 55.7891, 59.5059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7033, 54.7267, 56.8122 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(224, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(224, 186, 191)  
}
```

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(224, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 186, 191) }
```

Border

The CSS property to change the border of an element to XYZ 57.7033, 54.7267, 56.8122 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(224, 186, 191) }
```


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

```
.border{ border-color:rgb(224, 186, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 186, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(224, 186,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7033, 54.7267, 56.8122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 186, 191) }
```

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

```
.background{ background-color: rgb(224,  
186, 191) }
```

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