

Converting Colors

XYZ(54.8292, 43.6541, 57.3265)

Have a look what the booklet for
XYZ(54.8292, 43.6541, 57.3265)
contains.

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Color

**XYZ(54.8486, 43.5658,
57.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	EA97C3
RGB	234, 151, 195
RGB Percent	92%, 59%, 76%
CMY	0.0824, 0.4078, 0.2353
CMYK	0.00, 0.35, 0.17, 0.08
HSL	328°, 66%, 75%
HSV	328°, 35%, 92%
XYZ	54.8486, 43.5658, 57.1480
YIQ	180.8330, 35.3440, 31.2800

Conversions

Conversions Part 2

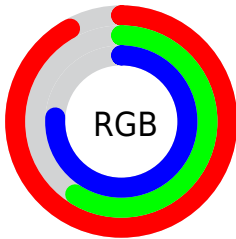
Format	Color
R _Y B	234, 151, 195
Decimal	15374275
CIE Lab	71.94, 37.23, -9.71
CIE LCh	72, 38.479, 345.381
Yxy	43.5658, 0.3526, 0.2801
Android (android.graphics.Color)	4293564355 (0xFFEA97C3)
YUV	180.8330, 6.9843, 46.6275
Hunter-Lab	66.0044, 32.8230, -5.1315

Details

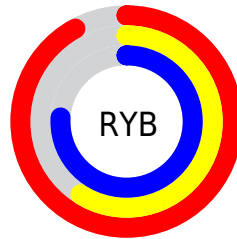
The XYZ color **54.8486, 43.5658, 57.1480** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.4814, 69.1438, 59.3511**, and the grayscale version is **43.7821, 46.0621, 50.1617**.

A 20% lighter version of the original color is **80.8820, 72.4309, 101.8131**, and **27.3069, 20.0056, 27.6215** is the 20% darker color. If you saturate the color by 10%, you get **50.2520, 36.2892, 49.7062**, and if you desaturate by 10%, it is **60.2867, 52.3778, 65.3230**.

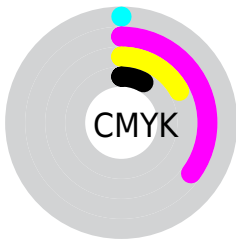
Distribution



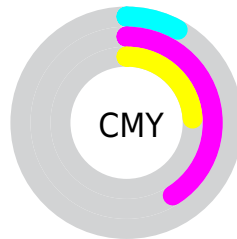
- Red (92%)
- Green (59%)
- Blue (76%)



- Red (92%)
- Yellow (59%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (8%)





- Cyan (8%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8486, 43.5658, 57.1480 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 54.8486, 43.5658, 57.1480 by changing the saturation by 10% instead.


 54.8486, 43.5658,
57.1480

 54.8486, 43.5658,
57.1480


395.4835,
360.9335, 431.5129

 39.5139, 30.3293,
40.7139

 96.4687, 80.5640,
102.1836

 27.3422, 20.0887,
27.7776


 123.4848,
105.0945, 131.6222

 17.9683, 12.4595,
17.9205


155.1254,
134.1584, 166.2327

 11.0268, 7.0574,
10.7241

191.7559,
168.1401, 206.4337

 6.1523, 3.4980,
5.7698

233.7416,
207.4241, 252.6436

 2.9794, 1.3969,
2.6391

281.4479,

 1.1429, 0.2145,

252.3947, 305.2811

0.9125

335.2400,
303.4364, 364.7647

■ 0.0606, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8486, 43.5658,
57.1480

■ 54.8486, 43.5658,
57.1480

■ 50.2520, 36.2892,
49.7062

■ 60.2867, 52.3778,
65.3230

■ 46.4467, 30.4521,
42.9698

■ 66.6051, 62.8014,
74.2520

■ 43.3827, 25.9577,
36.9126

■ 73.8448, 74.9151,
83.9584

■ 41.0025, 22.6940,
31.5051

■ 82.0429, 88.7903,
94.4632

■ 39.2393, 20.5310,
26.7142

■ 86.9441, 95.9134,
104.3567

■ 38.0113, 19.3086,
22.5015

■ 87.7419, 96.2325,
108.5580

■ 37.5727, 18.9488,
20.7601

Harmonies

Analogous

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



51.0486, 43.5658, 77.5951



54.8486, 43.5658, 57.1480



54.7963, 43.5658, 38.4869

Triad

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



54.8486, 43.5658, 57.1480



38.1524, 43.5658, 20.4388



33.1667, 43.5658, 78.0670

Complementary

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



54.8486, 43.5658, 57.1480



51.4814, 69.1438, 59.3511

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.



30.4000, 43.5658, 57.6743



54.8486, 43.5658, 57.1480



33.0647, 43.5658, 26.3210

Square

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



54.8486, 43.5658, 57.1480



44.6732, 43.5658, 20.3680



30.3647, 43.5658, 38.8914



38.3059, 43.5658, 91.6682

Rectangle

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



54.8486, 43.5658, 57.1480



52.5646, 43.5658, 29.4464



30.3647, 43.5658, 38.8914



31.9535, 43.5658, 71.5711

Sweetspot

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



54.8499, 43.5678, 57.1489



84.6953, 82.5708, 95.3359



47.0884, 38.9890, 82.8861



17.8760, 17.2521, 20.0654



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.



54.8499, 43.5678, 57.1489



62.2552, 45.9524, 62.3856



50.8132, 41.9532, 35.8922



15.3992, 15.1875, 17.3873



21.1779, 10.6738, 12.0041



1.7115, 0.8576, 1.1983

Inverse Universe

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



54.8499, 43.5678, 57.1489



62.2552, 45.9524, 62.3856



56.6435, 71.2086, 86.5340



15.3992, 15.1875, 17.3873



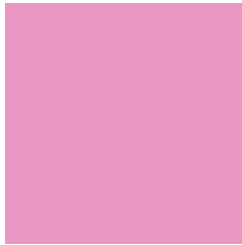
21.1779, 10.6738, 12.0041



1.7115, 0.8576, 1.1983

Previews

White Background



This preview shows how the XYZ color 54.8486, 43.5658, 57.1480 looks on a white background.

Color Contrast Check

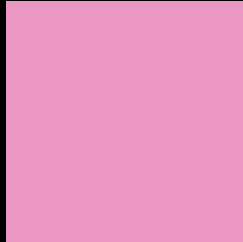
Large Text (above 18pt) WCAG AA × Fail

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 54.8486, 43.5658, 57.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

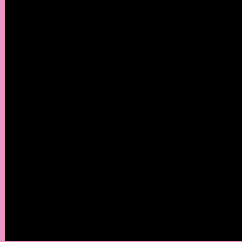
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8486, 43.5658, 57.1480

Background



This preview shows how black text looks on a background with the XYZ color 54.8486, 43.5658, 57.1480.



This preview shows how white text looks on a background with the XYZ color 54.8486, 43.5658,

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

54.8486, 43.5658, 57.1480

Protanopia

43.4500, 43.7981, 67.7918

Deuteranopia

44.6500, 43.8314, 55.3972



Tritanopia

51.9113, 43.5930, 42.7241

Trichromacy



Original Color

54.8486, 43.5658, 57.1480



Protanomaly

46.6480, 43.0177, 63.6022



Deuteranomaly

47.6917, 43.1941, 55.6928



Tritanomaly

52.8702, 43.4814, 47.7257

Monochromacy



Original Color

54.8486, 43.5658, 57.1480



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.0571, 44.5740, 52.5778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8486, 43.5658, 57.1480 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(234, 151, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 151, 195)  
}
```

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(234, 151, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 151, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.8486, 43.5658, 57.1480 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(234, 151, 195) }
```


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

```
.border{ border-color:rgb(234, 151, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 151, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 151, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 151, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 151,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8486, 43.5658, 57.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 151, 195) }
```

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

```
.background{ background-color: rgb(234,  
151, 195) }
```

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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