

# Converting Colors

XYZ(54.9698, 43.6454, 55.9961)

Have a look what the booklet for  
XYZ(54.9698, 43.6454, 55.9961)  
contains.

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# Color

**XYZ(54.9532, 43.6456,  
55.9802)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB97C1
RGB	235, 151, 193
RGB Percent	92%, 59%, 76%
CMY	0.0784, 0.4078, 0.2431
CMYK	0.00, 0.36, 0.18, 0.08
HSL	330°, 68%, 76%
HSV	330°, 36%, 92%
XYZ	54.9532, 43.6456, 55.9802
YIQ	180.9040, 36.5820, 30.8700

# Conversions

## Conversions Part 2

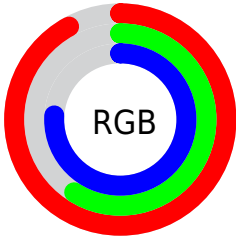
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 151, 193
Decimal	15439809
CIE Lab	71.99, 37.27, -8.51
CIE LCh	72, 38.227, 347.132
Yxy	43.6456, 0.3555, 0.2824
Android (android.graphics.Color)	4293629889 (0xFFEB97C1)
YUV	180.9040, 5.9633, 47.4422
Hunter-Lab	66.0648, 32.8642, -3.9942

# Details

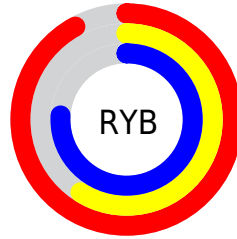
The XYZ color **54.9532, 43.6456, 55.9802** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.0983, 69.8474, 61.1913**, and the grayscale version is **43.8252, 46.1075, 50.2111**.

A 20% lighter version of the original color is **80.4102, 72.2422, 99.3286**, and **27.3880, 20.0644, 26.8554** is the 20% darker color. If you saturate the color by 10%, you get **50.2822, 36.3185, 48.2109**, and if you desaturate by 10%, it is **60.4846, 52.5260, 64.5512**.

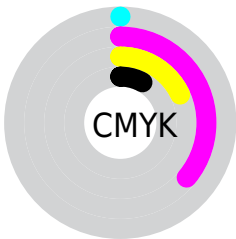
# Distribution



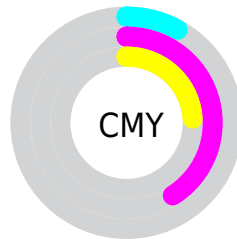
- Red (92%)
- Green (59%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (8%)




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


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9532, 43.6456, 55.9802 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 54.9532, 43.6456, 55.9802 by changing the saturation by 10% instead.





 54.9532, 43.6456,  
55.9802

 54.9532, 43.6456,  
55.9802


395.8738,  
361.2601, 427.0031

 39.5979, 30.3920,  
39.7832

 96.6211, 80.6842,  
100.4611

 27.4080, 20.1363,  
27.0570


 123.6645,  
105.2380, 129.5821

 18.0181, 12.4942,  
17.3832

155.3346,  
134.3272, 163.8481

 11.0627, 7.0812,  
10.3433

191.9968,  
168.3364, 203.6778

 6.1766, 3.5129,  
5.5186

234.0165,  
207.6499, 249.4895

 2.9945, 1.4050,  
2.4906

281.7590,

 1.1508, 0.2204,

252.6521, 301.7020

0.8352

335.5896,  
303.7274, 360.7337

■ 0.0670, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.9532, 43.6456,  
55.9802

■ 54.9532, 43.6456,  
55.9802

■ 50.2822, 36.3185,  
48.2109

■ 60.4846, 52.5260,  
64.5512

■ 46.4205, 30.4474,  
41.2128

■ 66.9163, 63.0370,  
73.9472

■ 43.3170, 25.9339,  
34.9573

■ 74.2902, 75.2582,  
84.1938

■ 40.9128, 22.6644,  
29.4118

■ 82.6441, 89.2622,  
95.3144

■ 39.1396, 20.5064,  
24.5402

■ 87.5530, 96.1950,  
105.8444

■ 37.9135, 19.2970,  
20.3007

■ 88.0712, 96.4023,  
108.5734

■ 37.5012, 18.9583,  
18.6652

# Harmonies

## Analogous

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



51.3731, 43.6456, 76.3905



54.9532, 43.6456, 55.9802



54.6623, 43.6456, 37.7064

# Triad

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



54.9532, 43.6456, 55.9802



37.8974, 43.6456, 20.7960



33.5222, 43.6456, 79.0137

# Complementary

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



54.9532, 43.6456, 55.9802



52.0983, 69.8474, 61.1913

# 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.



30.6144, 43.6456, 58.9099



54.9532, 43.6456, 55.9802



32.9528, 43.6456, 27.0335

# Square

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



54.9532, 43.6456, 55.9802



44.3405, 43.6456, 20.3997



30.4176, 43.6456, 39.9629



38.7526, 43.6456, 91.8514



# Rectangle

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



54.9532, 43.6456, 55.9802



52.3091, 43.6456, 28.9684



30.4176, 43.6456, 39.9629



32.2657, 43.6456, 72.6739

# Sweetspot

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



54.9545, 43.6476, 55.9811



84.5688, 82.5202, 94.6697



48.0562, 39.4711, 83.6837



17.8458, 17.2400, 19.9067



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.



54.9545, 43.6476, 55.9811



61.8644, 45.7961, 60.3280



50.9151, 42.0319, 34.7100



15.3796, 15.1797, 17.2841



20.9355, 10.5769, 10.7275



1.6925, 0.8500, 1.0981



# Inverse Universe

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



54.9545, 43.6476, 55.9811



61.8644, 45.7961, 60.3280



57.4676, 71.9951, 89.4654



15.3796, 15.1797, 17.2841



20.9355, 10.5769, 10.7275

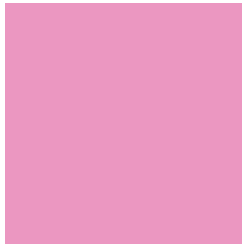


1.6925, 0.8500, 1.0981



# Previews

## White Background



This preview shows how the XYZ color 54.9532, 43.6456, 55.9802 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

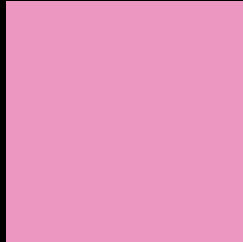
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.9532, 43.6456, 55.9802 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

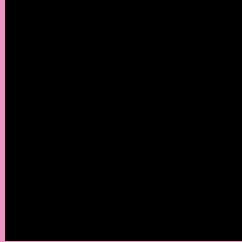
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.9532, 43.6456, 55.9802**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.9532, 43.6456, 55.9802.



This preview shows how white text looks on a background with the XYZ color 54.9532, 43.6456,



# 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

54.9532, 43.6456, 55.9802

### Protanopia

43.4162, 43.8094, 66.4894

### Deuteranopia

44.6769, 43.8705, 54.2572



## Tritanopia

52.1422, 43.7228, 42.2504

# Trichromacy



## Original Color

54.9532, 43.6456, 55.9802



## Protanomaly

46.6638, 43.0536, 62.3506



## Deuteranomaly

47.7466, 43.2478, 54.5463



## Tritanomaly

52.9963, 43.5694, 46.6908

# Monochromacy



## Original Color

54.9532, 43.6456, 55.9802



## Achromatopsia

43.9204, 46.2077, 50.3202



## Achromatomaly

47.2191, 44.6697, 52.0323

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.9532, 43.6456, 55.9802 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(235, 151, 193)` looks like.

```
.text, #text, p{  
    color:rgb(235, 151, 193)  
}
```

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(235, 151, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 151, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 54.9532, 43.6456, 55.9802 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(235, 151, 193) }
```



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

```
.border{ border-color:rgb(235, 151, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 151, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 151, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 151, 193);  
box-shadow:4px 4px 4px 4px rgb(235, 151,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.9532, 43.6456, 55.9802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 151, 193) }
```

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

```
.background{ background-color: rgb(235,  
151, 193) }
```

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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