

Converting Colors

XYZ(54.0651, 41.0088, 56.7519)

Have a look what the booklet for
XYZ(54.0651, 41.0088, 56.7519)
contains.

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Color

**XYZ(54.1154, 41.1190,
56.7143)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8EC3
RGB	236, 142, 195
RGB Percent	93%, 56%, 76%
CMY	0.0745, 0.4431, 0.2353
CMYK	0.00, 0.40, 0.17, 0.07
HSL	326°, 71%, 74%
HSV	326°, 40%, 93%
XYZ	54.1154, 41.1190, 56.7143
YIQ	176.1480, 39.0110, 36.4110

Conversions

Conversions Part 2

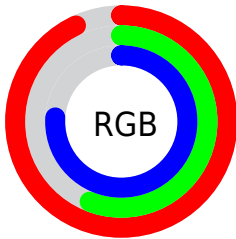
Format	Color
R _Y B	236, 142, 195
Decimal	15503043
CIE Lab	70.26, 42.60, -12.20
CIE LCh	70, 44.315, 344.025
Yxy	41.1190, 0.3561, 0.2706
Android (android.graphics.Color)	4293693123 (0xFFEC8EC3)
YUV	176.1480, 9.2940, 52.4902
Hunter-Lab	64.1241, 38.4220, -7.5519

Details

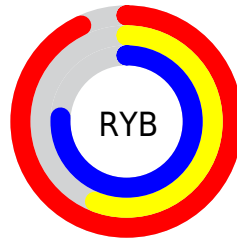
The XYZ color **54.1154, 41.1190, 56.7143** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.6999, 69.1618, 55.5330**, and the grayscale version is **41.2839, 43.4339, 47.2995**.

A 20% lighter version of the original color is **78.7769, 68.2208, 101.1114**, and **26.7402, 18.5328, 27.3671** is the 20% darker color. If you saturate the color by 10%, you get **49.8447, 34.3761, 49.7449**, and if you desaturate by 10%, it is **59.2121, 49.3844, 64.3558**.

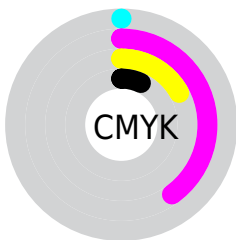
Distribution



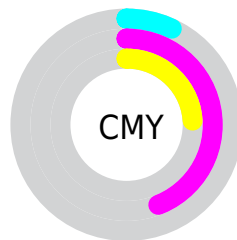
- Red (93%)
- Green (56%)
- Blue (76%)



- Red (93%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1154, 41.1190, 56.7143 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 54.1154, 41.1190, 56.7143 by changing the saturation by 10% instead.

54.1154, 41.1190,
56.7143

54.1154, 41.1190,
56.7143

392.7411,
350.8177, 429.8416

38.9250, 28.4121,
40.3681

95.3996, 76.8645,
101.5444

26.8818, 18.6365,
27.5097

122.2240,
100.6719, 130.8653

17.6206, 11.4079,
17.7206

153.6572,
128.9482, 165.3483

10.7760, 6.3419,
10.5822

190.0644,
162.0779, 205.4117

5.9826, 3.0541,
5.6760

231.8110,
200.4452, 251.4742

2.8751, 1.1600,
2.5835

279.2625,

1.0880, 0.0287,

244.4348, 303.9544

0.8839

332.7840,
294.4308, 363.2706

■ 0.0151, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1154, 41.1190,
56.7143

■ 54.1154, 41.1190,
56.7143

■ 49.8447, 34.3761,
49.7449

■ 59.2121, 49.3844,
64.3558

■ 46.3473, 29.0546,
43.4209

■ 65.1759, 59.2536,
72.6896

■ 43.5702, 25.0503,
37.7168

■ 72.0493, 70.8086,
81.7377

■ 41.4513, 22.2420,
32.6035

■ 79.8710, 84.1246,
91.5203

■ 39.9172, 20.4858,
28.0478

■ 87.0594, 96.0358,
101.5172

■ 38.8467, 19.5418,
24.0003

■ 88.4023, 96.5730,
108.5889

■ 38.8300, 19.5281,
23.9343

Harmonies

Analogous

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



49.6209, 41.1190, 80.1546



54.1154, 41.1190, 56.7143



54.2685, 41.1190, 35.7560

Triad

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



54.1154, 41.1190, 56.7143



35.7926, 41.1190, 16.0861



29.8708, 41.1190, 78.7430

Complementary

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



54.1154, 41.1190, 56.7143



49.6999, 69.1618, 55.5330

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.



27.0318, 41.1190, 55.1879



54.1154, 41.1190, 56.7143



30.1528, 41.1190, 21.7197

Square

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



54.1154, 41.1190, 56.7143



43.0559, 41.1190, 16.2649



27.1282, 41.1190, 34.6355



35.3611, 41.1190, 95.3223

Rectangle

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



54.1154, 41.1190, 56.7143



51.8461, 41.1190, 25.9035



27.1282, 41.1190, 34.6355



28.6069, 41.1190, 71.1073

Sweetspot

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



54.1166, 41.1209, 56.7151



83.9781, 81.1765, 94.9735



44.2803, 35.4390, 83.8640



17.7381, 16.9761, 20.0202



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.



54.1166, 41.1209, 56.7151



60.1874, 42.1715, 60.6030



49.6331, 39.3275, 33.1051



15.4212, 15.1963, 17.5032



21.4699, 10.7906, 13.5417



1.7341, 0.8666, 1.3171

Inverse Universe

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



54.1166, 41.1209, 56.7151



60.1874, 42.1715, 60.6030



55.3977, 71.4409, 85.5372



15.4212, 15.1963, 17.5032



21.4699, 10.7906, 13.5417



1.7341, 0.8666, 1.3171

Previews

White Background



This preview shows how the XYZ color 54.1154, 41.1190, 56.7143 looks on a white background.

Color Contrast Check

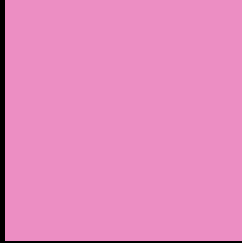
Large Text (above 18pt) WCAG AA × Fail

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 54.1154, 41.1190, 56.7143 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 54.1154, 41.1190, 56.7143

Background



This preview shows how black text looks on a background with the XYZ color 54.1154, 41.1190, 56.7143.



This preview shows how white text looks on a background with the XYZ color 54.1154, 41.1190,

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

54.1154, 41.1190, 56.7143

Protanopia

41.6008, 41.6622, 69.4673

Deuteranopia

42.1193, 41.4263, 54.4913



Tritanopia

50.3713, 41.1888, 38.5531

Trichromacy



Original Color

54.1154, 41.1190, 56.7143



Protanomaly

44.8196, 40.4654, 64.4798



Deuteranomaly

45.7320, 40.8814, 55.3497



Tritanomaly

51.4260, 40.8985, 44.7189

Monochromacy



Original Color

54.1154, 41.1190, 56.7143



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.1114, 41.9756, 50.5242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1154, 41.1190, 56.7143 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(236, 142, 195)` looks like.

```
.text, #text, p{  
    color:rgb(236, 142, 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(236, 142, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 142, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.1154, 41.1190, 56.7143 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(236, 142, 195) }
```


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

```
.border{ border-color:rgb(236, 142, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 142, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 142, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 142, 195);  
box-shadow:4px 4px 4px 4px rgb(236, 142,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1154, 41.1190, 56.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 142, 195) }
```

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

```
.background{ background-color: rgb(236,  
142, 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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