

Converting Colors

XYZ(54.8686, 40.7895, 52.9389)

Have a look what the booklet for
XYZ(54.8686, 40.7895, 52.9389)
contains.

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Color

**XYZ(54.8917, 40.7283,
53.1124)**

Conversions

Conversions Part 1

Format	Color
Hex	F28ABD
RGB	242, 138, 189
RGB Percent	95%, 54%, 74%
CMY	0.0510, 0.4588, 0.2588
CMYK	0.00, 0.43, 0.22, 0.05
HSL	331°, 80%, 75%
HSV	331°, 43%, 95%
XYZ	54.8917, 40.7283, 53.1124
YIQ	174.9100, 45.6130, 37.9090

Conversions

Conversions Part 2

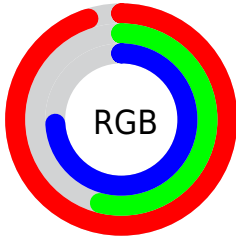
Format	Color
R _Y B	242, 138, 189
Decimal	15895229
CIE Lab	69.99, 45.76, -9.19
CIE LCh	70, 46.670, 348.647
Yxy	40.7283, 0.3691, 0.2738
Android (android.graphics.Color)	4294085309 (0xFFFF28ABD)
YUV	174.9100, 6.9464, 58.8379
Hunter-Lab	63.8187, 41.8485, -4.6703

Details

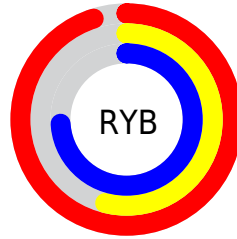
The XYZ color **54.8917, 40.7283, 53.1124** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.6391, 72.6702, 60.5986**, and the grayscale version is **40.6508, 42.7679, 46.5742**.

A 20% lighter version of the original color is **76.7914, 65.9925, 95.0767**, and **27.4596, 18.4649, 25.4094** is the 20% darker color. If you saturate the color by 10%, you get **50.5163, 34.0294, 45.3273**, and if you desaturate by 10%, it is **60.1568, 49.0235, 61.7566**.

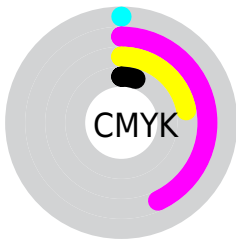
Distribution



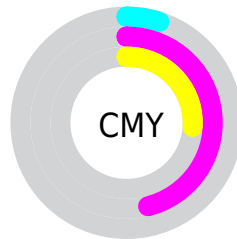
- Red (95%)
- Green (54%)
- Blue (74%)



- Red (95%)
- Yellow (54%)
- Blue (74%)



- Cyan (0%)
- Magenta (43%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8917, 40.7283, 53.1124 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 54.8917, 40.7283, 53.1124 by changing the saturation by 10% instead.


 54.8917, 40.7283,
53.1124

 54.8917, 40.7283,
53.1124


395.6444,
349.1838, 415.7947


 39.5485, 28.1068,
37.5042


 96.5315, 76.2713,
96.2130

 27.3693, 18.4062,
25.2992


 123.5588, 99.9616,
124.5424

 17.9888, 11.2420,
16.0791

 155.2116,
128.1103, 157.9493

 11.0416, 6.2299,
9.4252

191.8552,
161.1018, 196.8522

 6.1623, 2.9854,
4.9190

233.8549,
199.3205, 241.6696

 2.9856, 1.1241,
2.1419

281.5761,

 1.1462, 0.0000,

243.1508, 292.8202

0.6405

335.3841,
292.9771, 350.7224

■ 0.0632, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8917, 40.7283,
53.1124

■ 54.8917, 40.7283,
53.1124

■ 50.5163, 34.0294,
45.3273

■ 60.1568, 49.0235,
61.7566

■ 46.9722, 28.8158,
38.3668

■ 66.3579, 59.0047,
71.2875

■ 44.1994, 24.9718,
32.1967

■ 73.5423, 70.7616,
81.7343

■ 42.1273, 22.3612,
26.7785

■ 81.7528, 84.3759,
93.1239

■ 40.6712, 20.8194,
22.0681

■ 89.7383, 97.3414,
105.0512

■ 39.9279, 20.2013,
19.1431

■ 90.4281, 97.6173,
108.6837

Harmonies

Analogous

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



50.7588, 40.7283, 78.1718



54.8917, 40.7283, 53.1124



54.2862, 40.7283, 32.2579

Triad

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



54.8917, 40.7283, 53.1124



34.2210, 40.7283, 15.3229



29.8306, 40.7283, 83.7991

Complementary

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



54.8917, 40.7283, 53.1124



51.6391, 72.6702, 60.5986

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.



26.4423, 40.7283, 59.1302



54.8917, 40.7283, 53.1124



28.7386, 40.7283, 22.0314

Square

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



54.8917, 40.7283, 53.1124



41.6618, 40.7283, 14.6539



26.0706, 40.7283, 36.6019



35.9030, 40.7283, 99.3860

Rectangle

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



54.8917, 40.7283, 53.1124



51.2925, 40.7283, 22.9957



26.0706, 40.7283, 36.6019



28.3761, 40.7283, 75.9813

Sweetspot

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



54.8929, 40.7303, 53.1132



82.7696, 79.6022, 91.9725



46.3525, 35.5372, 88.4210



17.3122, 16.3736, 19.1095



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.



54.8929, 40.7303, 53.1132



57.2636, 38.8835, 51.7380



50.2954, 38.8912, 28.9031



16.0959, 15.8881, 18.0611



21.5182, 10.8797, 10.6455



1.8403, 0.9251, 1.1496

Inverse Universe

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



54.8929, 40.7303, 53.1132



57.2636, 38.8835, 51.7380



58.2616, 75.3192, 95.4721



16.0959, 15.8881, 18.0611



21.5182, 10.8797, 10.6455



1.8403, 0.9251, 1.1496

Previews

White Background



This preview shows how the XYZ color 54.8917, 40.7283, 53.1124 looks on a white background.

Color Contrast Check

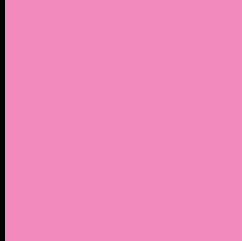
Large Text (above 18pt) WCAG AA × Fail

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 54.8917, 40.7283, 53.1124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

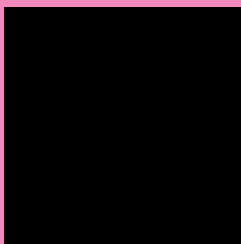
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8917, 40.7283, 53.1124

Background



This preview shows how black text looks on a background with the XYZ color 54.8917, 40.7283, 53.1124.



This preview shows how white text looks on a background with the XYZ color 54.8917, 40.7283,

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

54.8917, 40.7283, 53.1124

Protanopia

40.9079, 41.0840, 66.7467

Deuteranopia

41.7618, 41.0432, 51.0684



Tritanopia

51.4863, 40.6638, 36.1456

Trichromacy



Original Color

54.8917, 40.7283, 53.1124



Protanomaly

44.3734, 39.7944, 61.2195



Deuteranomaly

45.6532, 40.1595, 51.7997



Tritanomaly

52.5832, 40.6613, 41.6362

Monochromacy



Original Color

54.8917, 40.7283, 53.1124



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.7117, 41.2781, 48.7909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8917, 40.7283, 53.1124 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(242, 138, 189)` looks like.

```
.text, #text, p{  
    color:rgb(242, 138, 189)  
}
```

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(242, 138, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 138, 189) }
```

Border

The CSS property to change the border of an element to XYZ 54.8917, 40.7283, 53.1124 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(242, 138, 189) }
```


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

```
.border{ border-color:rgb(242, 138, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 138, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 138, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 138, 189);  
box-shadow:4px 4px 4px 4px rgb(242, 138,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8917, 40.7283, 53.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 138, 189) }
```

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

```
.background{ background-color: rgb(242,  
138, 189) }
```

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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