

Converting Colors

XYZ(57.3021, 33.7756, 53.7371)

Have a look what the booklet for
XYZ(57.3021, 33.7756, 53.7371)
contains.

XYZ(54.4380, 32.2550, 53.8087)	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(54.4380, 32.2550,
53.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	FF59C1
RGB	255, 89, 193
RGB Percent	100%, 35%, 76%
CMY	0.0000, 0.6509, 0.2431
CMYK	0.00, 0.65, 0.24, 0.00
HSL	322°, 100%, 67%
HSV	322°, 65%, 100%
XYZ	54.4380, 32.2550, 53.8087
YIQ	150.4900, 65.5520, 67.5360

Conversions

Conversions Part 2

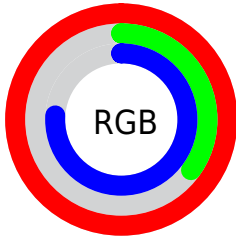
Format	Color
R _Y B	255, 89, 193
Decimal	16734657
CIE Lab	63.55, 72.33, -20.96
CIE LCh	64, 75.307, 343.838
Yxy	32.2550, 0.3875, 0.2296
Android (android.graphics.Color)	4294924737 (0xFFFF59C1)
YUV	150.4900, 20.9574, 91.6553
Hunter-Lab	56.7935, 71.7082, -16.4186

Details

The XYZ color **54.4380, 32.2550, 53.8087** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **45.4673, 75.8789, 41.5316**, and the grayscale version is **29.0933, 30.6084, 33.3325**.

A 20% lighter version of the original color is **69.0852, 49.3419, 96.3252**, and **26.9843, 13.4854, 25.6068** is the 20% darker color. If you saturate the color by 10%, you get **51.6427, 28.3104, 47.8025**, and if you desaturate by 10%, it is **58.0379, 37.6990, 60.4213**.

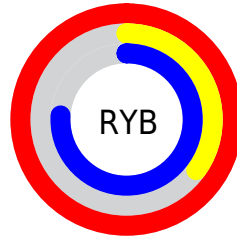
Distribution



Red (100%)

Green (35%)

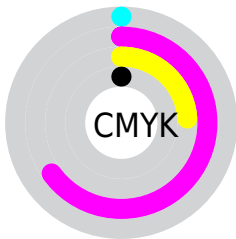
Blue (76%)



Red (100%)

Yellow (35%)

Blue (76%)

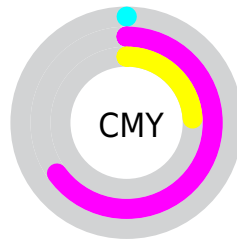


Cyan (0%)

Magenta (65%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4380, 32.2550, 53.8087 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 54.4380, 32.2550, 53.8087 by changing the saturation by 10% instead.


 54.4380, 32.2550,
53.8087


 54.4380, 32.2550,
53.8087

393.9492,
312.2792, 418.5341


 39.1840, 21.5563,
38.0566


 95.8702, 63.2106,
97.2469


 27.0843, 13.5313,
25.7245


 122.7791, 84.2364,
125.7700

 17.7734, 7.7954,
16.3937


 154.3037,
109.4733, 159.3873

 10.8862, 3.9643,
9.6458

 190.8093,
139.3058, 198.5172

 6.0571, 1.6536,
5.0622

232.6613,
174.1183, 243.5783

 2.9208, 0.3933,
2.2244

280.2250,

 1.1120, 0.0000,

214.2950, 294.9891

0.6884

333.8659,
260.2206, 353.1682

■ 0.0351, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4380, 32.2550,
53.8087

■ 54.4380, 32.2550,
53.8087

■ 51.6427, 28.3104,
47.8025

■ 58.0379, 37.6990,
60.4213

■ 49.5687, 25.7009,
42.3678

■ 62.5094, 44.7748,
67.6680

■ 48.1172, 24.2312,
37.4655

■ 67.9150, 53.6054,
75.5758

■ 47.5637, 23.7895,
35.2302

■ 74.3106, 64.3007,
84.1691

81.7475, 76.9614,
93.4708

90.2734, 91.6811,
103.5023

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



46.8835, 32.2550, 95.5519



54.4380, 32.2550, 53.8087



54.7495, 32.2550, 23.0217

Triad

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



54.4380, 32.2550, 53.8087



26.0756, 32.2550, 3.5744



18.2741, 32.2550, 92.3549

Complementary

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



54.4380, 32.2550, 53.8087



45.4673, 75.8789, 41.5316

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.



14.9298, 32.2550, 50.8525



54.4380, 32.2550, 53.8087



18.6875, 32.2550, 7.7376

Square

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



54.4380, 32.2550, 53.8087



36.6306, 32.2550, 3.7084



15.0615, 32.2550, 21.3535



25.3717, 32.2550, 125.1326

Rectangle

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



54.4380, 32.2550, 53.8087



50.6815, 32.2550, 11.7526



15.0615, 32.2550, 21.3535



16.7544, 32.2550, 78.1847

Sweetspot

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



54.4388, 32.2566, 53.8093



77.9661, 70.4990, 88.8179



34.1774, 20.8382, 96.8286



16.2490, 14.3440, 18.4568



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.



54.4388, 32.2566, 53.8093



50.9696, 27.4223, 46.1661



47.6902, 29.5571, 18.2713



18.4881, 18.1785, 21.1873



24.9278, 12.4604, 18.8020



2.4801, 1.2344, 2.1096

Inverse Universe

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



54.4388, 32.2566, 53.8093



50.9696, 27.4223, 46.1661



54.5698, 79.5199, 89.4646



18.4881, 18.1785, 21.1873



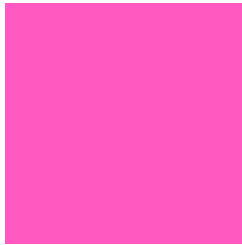
24.9278, 12.4604, 18.8020



2.4801, 1.2344, 2.1096

Previews

White Background



This preview shows how the XYZ color 54.4380, 32.2550, 53.8087 looks on a white background.

Color Contrast Check

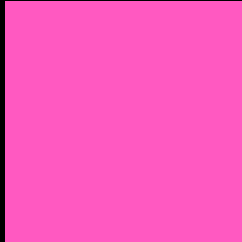
Large Text (above 18pt) WCAG AA × Fail

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 54.4380, 32.2550, 53.8087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

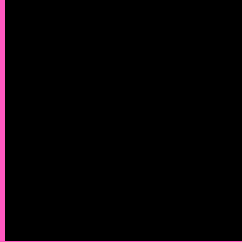
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4380, 32.2550, 53.8087

Background



This preview shows how black text looks on a background with the XYZ color 54.4380, 32.2550, 53.8087.



This preview shows how white text looks on a background with the XYZ color 54.4380, 32.2550,

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

54.4380, 32.2550, 53.8087

Protanopia

34.8208, 32.5621, 86.8879

Deuteranopia

33.2359, 32.5625, 49.8809



Tritanopia

47.3324, 32.1547, 20.2348

Trichromacy



Original Color

54.4380, 32.2550, 53.8087



Protanomaly

37.6160, 29.3121, 73.4873



Deuteranomaly

38.1747, 30.1026, 50.8121



Tritanomaly

49.5691, 32.0256, 29.9545

Monochromacy



Original Color

54.4380, 32.2550, 53.8087



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

35.3411, 28.8829, 39.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4380, 32.2550, 53.8087 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(255, 89, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 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(255, 89, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 193) }
```

Border

The CSS property to change the border of an element to XYZ 54.4380, 32.2550, 53.8087 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(255, 89, 193) }
```


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

```
.border{ border-color:rgb(255, 89, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4380, 32.2550, 53.8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 193) }
```

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

```
.background{ background-color: rgb(255, 89,  
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](#).

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