

Converting Colors

XYZ(65.4471, 39.1616, 53.0571)

Have a look what the booklet for
XYZ(65.4471, 39.1616, 53.0571)
contains.

XYZ(54.9019, 33.7131, 52.3288)	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(54.9019, 33.7131,
52.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	FF62BE
RGB	255, 98, 190
RGB Percent	100%, 38%, 75%
CMY	0.0000, 0.6157, 0.2549
CMYK	0.00, 0.62, 0.25, 0.00
HSL	325°, 100%, 69%
HSV	325°, 62%, 100%
XYZ	54.9019, 33.7131, 52.3288
YIQ	155.4310, 64.0400, 61.8960

Conversions

Conversions Part 2

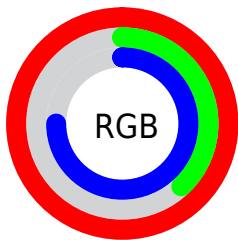
Format	Color
R _{YB}	255, 98, 190
Decimal	16736958
CIE _{Lab}	64.73, 68.42, -17.46
CIE _{LCh}	65, 70.610, 345.681
Yxy	33.7131, 0.3895, 0.2392
Android (android.graphics.Color)	4294927038 (0xFFFF62BE)
YUV	155.4310, 17.0425, 87.3220
Hunter-Lab	58.0630, 67.1718, -12.7906

Details

The XYZ color **54.9019, 33.7131, 52.3288** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.4096, 76.7618, 46.9721**, and the grayscale version is **31.2551, 32.8828, 35.8094**.

A 20% lighter version of the original color is **69.7630, 51.6908, 93.4892**, and **27.5375, 14.4413, 25.0030** is the 20% darker color. If you saturate the color by 10%, you get **51.7720, 29.2334, 45.7969**, and if you desaturate by 10%, it is **58.8770, 39.7488, 59.5555**.

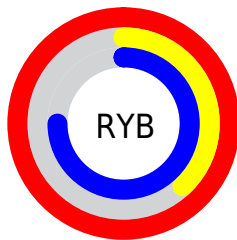
Distribution



Red (100%)

Green (38%)

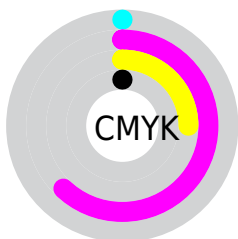
Blue (75%)



Red (100%)

Yellow (38%)

Blue (75%)

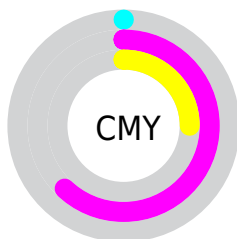


Cyan (0%)

Magenta (62%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9019, 33.7131, 52.3288 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 54.9019, 33.7131, 52.3288 by changing the saturation by 10% instead.


 54.9019, 33.7131,
52.3288


 54.9019, 33.7131,
52.3288


395.6824,
318.8509, 412.6977


 39.5567, 22.6733,
36.8832


 96.5464, 65.4873,
95.0475


 27.3758, 14.3524,
24.8220


 123.5764, 86.9904,
123.1576

 17.9937, 8.3662,
15.7267


 155.2320,
112.7501, 156.3263

 11.0451, 4.3302,
9.1787

 191.8787,
143.1508, 194.9722

 6.1647, 1.8599,
4.7595

233.8817,
178.5768, 239.5137

 2.9871, 0.5241,
2.0506

281.6064,

 1.1469, 0.0000,

219.4125, 290.3694

0.5861

335.4182,
266.0424, 347.9579

■ 0.0638, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9019, 33.7131,
52.3288

■ 54.9019, 33.7131,
52.3288

■ 51.7720, 29.2334,
45.7969

■ 58.8770, 39.7488,
59.5555

■ 49.4075, 26.1540,
39.9236

■ 63.7613, 47.4667,
67.5058

■ 47.7174, 24.2951,
34.6700

■ 69.6157, 56.9856,
76.2086

■ 46.6985, 23.4434,
30.6743

■ 76.4948, 68.4121,
85.6899

84.4489, 81.8444,
95.9743

93.5250, 97.3740,
107.0848

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.



48.1227, 33.7131, 91.2008



54.9019, 33.7131, 52.3288



54.7301, 33.7131, 23.5845

Triad

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



54.9019, 33.7131, 52.3288



27.0551, 33.7131, 4.9158



20.2565, 33.7131, 92.9353

Complementary

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



54.9019, 33.7131, 52.3288



47.4096, 76.7618, 46.9721

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.



16.6937, 33.7131, 53.9715



54.9019, 33.7131, 52.3288



20.0158, 33.7131, 9.8776

Square

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



54.9019, 33.7131, 52.3288



37.1133, 33.7131, 4.8263



16.6160, 33.7131, 24.5532



27.4574, 33.7131, 121.7966

Rectangle

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



54.9019, 33.7131, 52.3288



50.6417, 33.7131, 12.8146



16.6160, 33.7131, 24.5532



18.6675, 33.7131, 79.8822

Sweetspot

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



54.9028, 33.7148, 52.3294



79.2047, 72.9659, 89.2630



37.0773, 23.5139, 97.1922



16.4774, 14.8180, 18.4801



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.



54.9028, 33.7148, 52.3294



51.1288, 28.3608, 44.3075



48.6292, 31.2053, 19.2928



18.4559, 18.1657, 21.0179



24.4771, 12.2801, 16.4288



2.4377, 1.2174, 1.8862

Inverse Universe

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



54.9028, 33.7148, 52.3294



51.1288, 28.3608, 44.3075



56.4225, 80.3670, 94.4332



18.4559, 18.1657, 21.0179



24.4771, 12.2801, 16.4288



2.4377, 1.2174, 1.8862

Previews

White Background



This preview shows how the XYZ color 54.9019, 33.7131, 52.3288 looks on a white background.

Color Contrast Check

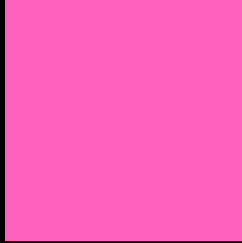
Large Text (above 18pt) WCAG AA × Fail

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 54.9019, 33.7131, 52.3288 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 54.9019, 33.7131, 52.3288

Background



This preview shows how black text looks on a background with the XYZ color 54.9019, 33.7131, 52.3288.



This preview shows how white text looks on a background with the XYZ color 54.9019, 33.7131,

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

54.9019, 33.7131, 52.3288

Protanopia

35.6609, 34.1177, 80.3072

Deuteranopia

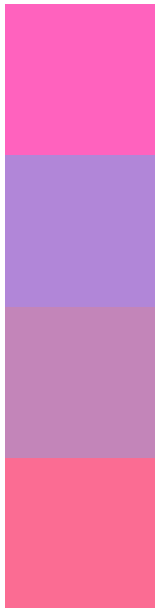
34.5327, 33.7369, 48.9478



Tritanopia

48.5971, 33.5795, 22.3325

Trichromacy



Original Color

54.9019, 33.7131, 52.3288

Protanomaly

39.0512, 31.3552, 68.9597

Deuteranomaly

39.6502, 31.8799, 49.9626

Tritanomaly

50.4127, 33.3409, 31.3822

Monochromacy



Original Color

54.9019, 33.7131, 52.3288

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

37.0788, 30.9537, 41.0662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9019, 33.7131, 52.3288 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, 98, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 190)  
}
```

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, 98, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 190) }
```

Border

The CSS property to change the border of an element to XYZ 54.9019, 33.7131, 52.3288 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, 98, 190) }
```


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

```
.border{ border-color:rgb(255, 98, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 98, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9019, 33.7131, 52.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 190) }
```

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

```
.background{ background-color: rgb(255, 98,  
190) }
```

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