

Converting Colors

XYZ(78.6554, 46.1303, 49.1490)

Have a look what the booklet for
XYZ(78.6554, 46.1303, 49.1490)
contains.

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Color

**XYZ(54.1453, 33.5611,
47.8801)**

Conversions

Conversions Part 1

Format	Color
Hex	FF63B6
RGB	255, 99, 182
RGB Percent	100%, 39%, 71%
CMY	0.0000, 0.6117, 0.2863
CMYK	0.00, 0.61, 0.29, 0.00
HSL	328°, 100%, 69%
HSV	328°, 61%, 100%
XYZ	54.1453, 33.5611, 47.8801
YIQ	155.1060, 66.3330, 58.8850

Conversions

Conversions Part 2

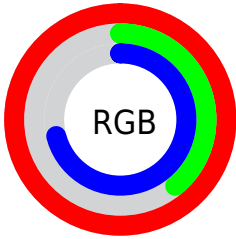
Format	Color
R _Y B	255, 99, 182
Decimal	16737206
CIE Lab	64.61, 67.02, -13.10
CIE LCh	65, 68.287, 348.939
Yxy	33.5611, 0.3993, 0.2475
Android (android.graphics.Color)	4294927286 (0xFFFF63B6)
YUV	155.1060, 13.2587, 87.6070
Hunter-Lab	57.9319, 65.4517, -8.4502

Details

The XYZ color **54.1453, 33.5611, 47.8801** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.3538, 77.1520, 51.3773**, and the grayscale version is **31.1267, 32.7477, 35.6623**.

A 20% lighter version of the original color is **68.7296, 51.5470, 87.2160**, and **26.7826, 14.1984, 22.0978** is the 20% darker color. If you saturate the color by 10%, you get **50.9182, 28.9971, 40.9769**, and if you desaturate by 10%, it is **58.2418, 39.6953, 55.5923**.

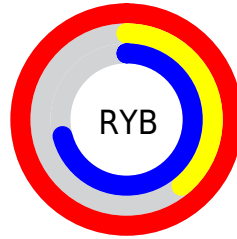
Distribution



Red (100%)

Green (39%)

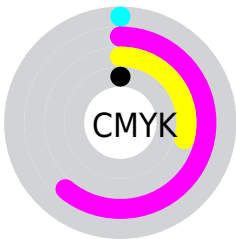
Blue (71%)



Red (100%)

Yellow (39%)

Blue (71%)

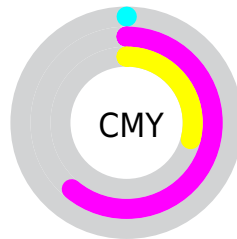


Cyan (0%)

Magenta (61%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1453, 33.5611, 47.8801 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 54.1453, 33.5611, 47.8801 by changing the saturation by 10% instead.

 54.1453, 33.5611,
47.8801


 54.1453, 33.5611,
47.8801

392.8532,
318.1706, 394.8117


 38.9490, 22.5566,
33.3726

 95.4432, 65.2506,
88.3895


 26.9006, 14.2665,
22.1386


 122.2755, 86.7043,
115.2286

 17.6348, 8.3062,
13.7595


 153.7171,
112.4100, 147.0153

 10.7862, 4.2915,
7.8167

 190.1335,
142.7520, 184.1681

 5.9895, 1.8379,
3.8918

231.8899,
178.1146, 227.1056

 2.8793, 0.5107,
1.5662

279.3517,

 1.0902, 0.0000,

218.8823, 276.2463

0.2665

332.8844,
265.4395, 332.0088

■ 0.0169, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1453, 33.5611,
47.8801

■ 54.1453, 33.5611,
47.8801

■ 50.9182, 28.9971,
40.9769

■ 58.2418, 39.6953,
55.5923

■ 48.4804, 25.8479,
34.8422


■ 63.2722, 47.5253,
64.1464


■ 46.7407, 23.9350,
29.4325

■ 69.2980, 57.1700,
73.5753

■ 45.6603, 23.0281,
25.2070

■ 76.3743, 68.7357,
83.9089

 84.5520, 82.3207,
95.1755

 93.8786, 98.0166,
107.4018

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.



48.2847, 33.5611, 84.5678



54.1453, 33.5611, 47.8801



53.1992, 33.5611, 21.7001

Triad

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



54.1453, 33.5611, 47.8801



26.1758, 33.5611, 5.6046



21.0715, 33.5611, 94.0580

Complementary

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



54.1453, 33.5611, 47.8801



48.3538, 77.1520, 51.3773

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.



17.2119, 33.5611, 56.9600



54.1453, 33.5611, 47.8801



19.7157, 33.5611, 11.3525

Square

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



54.1453, 33.5611, 47.8801



35.6446, 33.5611, 5.0735



16.7724, 33.5611, 27.1525



28.4251, 33.5611, 118.9894

Rectangle

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



54.1453, 33.5611, 47.8801



48.8771, 33.5611, 12.0677



16.7724, 33.5611, 27.1525



19.3927, 33.5611, 81.9234

Sweetspot

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



54.1462, 33.5628, 47.8807



78.8474, 72.8230, 87.3814



39.4831, 24.8940, 97.3318



16.3902, 14.7831, 18.0208



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.



54.1462, 33.5628, 47.8807



50.4163, 28.3208, 39.7998



48.2120, 31.1891, 16.6314



18.4133, 18.1486, 20.7937



23.9347, 12.0632, 13.5725



2.3857, 1.1966, 1.6123

Inverse Universe

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



54.1462, 33.5628, 47.8807



50.4163, 28.3208, 39.7998



58.1306, 81.0628, 102.8613



18.4133, 18.1486, 20.7937



23.9347, 12.0632, 13.5725



2.3857, 1.1966, 1.6123

Previews

White Background



This preview shows how the XYZ color 54.1453, 33.5611, 47.8801 looks on a white background.

Color Contrast Check

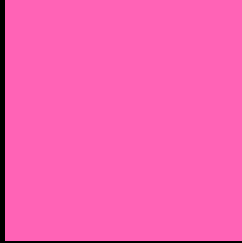
Large Text (above 18pt) WCAG AA × Fail

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 54.1453, 33.5611, 47.8801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

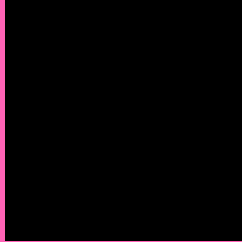
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1453, 33.5611, 47.8801

Background



This preview shows how black text looks on a background with the XYZ color 54.1453, 33.5611, 47.8801.



This preview shows how white text looks on a background with the XYZ color 54.1453, 33.5611,

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

54.1453, 33.5611, 47.8801

Protanopia

35.0890, 33.9815, 73.1163

Deuteranopia

34.3411, 33.7310, 44.7452



Tritanopia

48.7807, 33.5147, 21.9871

Trichromacy



Original Color

54.1453, 33.5611, 47.8801



Protanomaly

38.7488, 31.5362, 63.0763



Deuteranomaly

39.3493, 31.8197, 45.6629



Tritanomaly

50.4654, 33.4037, 29.7743

Monochromacy



Original Color

54.1453, 33.5611, 47.8801



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

36.9414, 31.1209, 39.6572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1453, 33.5611, 47.8801 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, 99, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 182)  
}
```

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, 99, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 182) }
```

Border

The CSS property to change the border of an element to XYZ 54.1453, 33.5611, 47.8801 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, 99, 182) }
```


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

```
.border{ border-color:rgb(255, 99, 182) }
```

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

Here you see how a box with a 4 pixel rgb(255, 99, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1453, 33.5611, 47.8801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 182) }
```

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

```
.background{ background-color: rgb(255, 99,  
182) }
```

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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