

# Converting Colors

XYZ(54.7394, 33.0927, 53.1851)

Have a look what the booklet for  
XYZ(54.7394, 33.0927, 53.1851)  
contains.

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# Color

**XYZ(54.7571, 33.0712,  
53.3665)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5EC0
RGB	255, 94, 192
RGB Percent	100%, 37%, 75%
CMY	0.0000, 0.6313, 0.2471
CMYK	0.00, 0.63, 0.25, 0.00
HSL	323°, 100%, 68%
HSV	323°, 63%, 100%
XYZ	54.7571, 33.0712, 53.3665
YIQ	153.3110, 64.4980, 64.6100

# Conversions

## Conversions Part 2

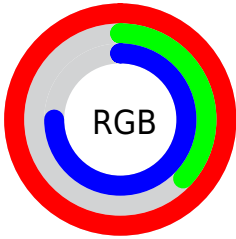
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 94, 192
Decimal	16735936
CIE <sub>Lab</sub>	64.22, 70.27, -19.38
CIE <sub>LCh</sub>	64, 72.896, 344.582
Yxy	33.0712, 0.3878, 0.2342
Android (android.graphics.Color)	4294926016 (0xFFFF5EC0)
YUV	153.3110, 19.0737, 89.1813
Hunter-Lab	57.5076, 69.3245, -14.7653

# Details

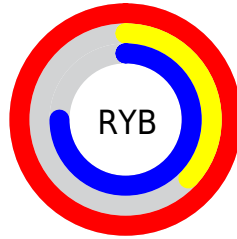
The XYZ color **54.7571, 33.0712, 53.3665** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **46.4636, 76.3348, 44.1873**, and the grayscale version is **30.3151, 31.8938, 34.7323**.

A 20% lighter version of the original color is **69.7301, 50.8820, 95.7686**, and **27.1420, 13.9171, 25.3005** is the 20% darker color. If you saturate the color by 10%, you get **51.7838, 28.8344, 47.1041**, and if you desaturate by 10%, it is **58.5558, 38.8385, 60.2746**.

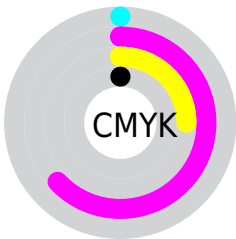
# Distribution



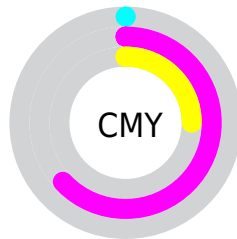
- Red (100%)
- Green (37%)
- Blue (75%)



- Red (100%)
- Yellow (37%)
- Blue (75%)



- Cyan (0%)
- Magenta (63%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (63%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7571, 33.0712, 53.3665 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 54.7571, 33.0712, 53.3665 by changing the saturation by 10% instead.





 54.7571, 33.0712,  
53.3665


 54.7571, 33.0712,  
53.3665

395.1419,  
315.9704, 416.7958


 39.4404, 22.1810,  
37.7057


 96.3354, 64.4867,  
96.5905


 27.2847, 13.9900,  
25.4543


 123.3276, 85.7807,  
124.9907

 17.9249, 8.1137,  
16.1938

 154.9424,  
111.3115, 158.4745

 10.9954, 4.1678,  
9.5055

 191.5451,  
141.4635, 197.4604

 6.1310, 1.7679,  
4.9711

233.5010,  
176.6209, 242.3669

 2.9663, 0.4670,  
2.1719

281.1756,

 1.1360, 0.0000,

217.1683, 293.6126

0.6581

334.9341,  
263.4900, 351.6161

■ 0.0549, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.7571, 33.0712,  
53.3665

■ 54.7571, 33.0712,  
53.3665

■ 51.7838, 28.8344,  
47.1041

■ 58.5558, 38.8385,  
60.2746

■ 49.5547, 25.9686,  
41.4520

■ 63.2452, 46.2649,  
67.8562

■ 47.9757, 24.2878,  
36.3718

■ 68.8867, 55.4712,  
76.1391

■ 47.1743, 23.6337,  
33.1794

■ 75.5355, 66.5654,  
85.1483

83.2422, 79.6466,  
94.9071

92.0541, 94.8073,  
105.4378

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.



47.5547, 33.0712, 93.6903



54.7571, 33.0712, 53.3665



54.8660, 33.0712, 23.4926

# Triad

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



54.7571, 33.0712, 53.3665



26.6890, 33.0712, 4.2343



19.2931, 33.0712, 92.5825

# Complementary

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



54.7571, 33.0712, 53.3665



46.4636, 76.3348, 44.1873

# 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.



15.8516, 33.0712, 52.3293



54.7571, 33.0712, 53.3665



19.4417, 33.0712, 8.7745

# Square

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



54.7571, 33.0712, 53.3665



37.0205, 33.0712, 4.2862



15.8993, 33.0712, 22.8936



26.4384, 33.0712, 123.5069



# Rectangle

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



54.7571, 33.0712, 53.3665



50.8066, 33.0712, 12.3962



15.8993, 33.0712, 22.8936



17.7419, 33.0712, 78.9561

# Sweetspot

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



54.7580, 33.0728, 53.3671



78.5901, 71.7264, 89.0901



35.7101, 22.2673, 97.0236



16.3649, 14.5802, 18.4822



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.



54.7580, 33.0728, 53.3671



51.0725, 27.8801, 45.4231



48.2124, 30.4546, 18.8985



18.4739, 18.1729, 21.1127



24.7251, 12.3793, 17.7344



2.4611, 1.2268, 2.0095



# Inverse Universe

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



54.7580, 33.0728, 53.3671



51.0725, 27.8801, 45.4231



55.5490, 79.9690, 92.0307



18.4739, 18.1729, 21.1127



24.7251, 12.3793, 17.7344

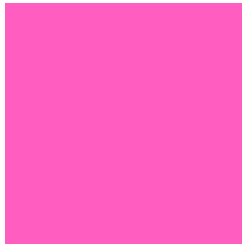


2.4611, 1.2268, 2.0095



# Previews

## White Background



This preview shows how the XYZ color 54.7571, 33.0712, 53.3665 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

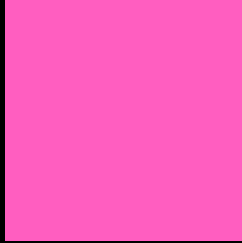
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.7571, 33.0712, 53.3665 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 54.7571, 33.0712, 53.3665**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.7571, 33.0712, 53.3665.



This preview shows how white text looks on a background with the XYZ color 54.7571, 33.0712,



# 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

54.7571, 33.0712, 53.3665

### Protanopia

35.2840, 33.3506, 83.9345

### Deuteranopia

33.8760, 33.1445, 49.4118



## Tritanopia

48.1909, 33.0600, 21.2940

# Trichromacy



## Original Color

54.7571, 33.0712, 53.3665



## Protanomaly

38.6251, 30.6685, 71.5940



## Deuteranomaly

38.9715, 31.1152, 50.4062



## Tritanomaly

50.0235, 32.6877, 30.8670

# Monochromacy



## Original Color

54.7571, 33.0712, 53.3665



## Achromatopsia

30.2779, 31.8547, 34.6897



## Achromatomaly

36.4615, 30.2397, 40.4743

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.7571, 33.0712, 53.3665 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, 94, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 192)  
}
```

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, 94, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 54.7571, 33.0712, 53.3665 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, 94, 192) }
```



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

```
.border{ border-color:rgb(255, 94, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.7571, 33.0712, 53.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 192) }
```

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

```
.background{ background-color: rgb(255, 94,  
192) }
```

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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