

# Converting Colors

XYZ(54.0758, 33.0757, 52.4620)

Have a look what the booklet for  
XYZ(54.0758, 33.0757, 52.4620)  
contains.

<b>XYZ(54.0770, 33.1497, 52.2636)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(54.0770, 33.1497,  
52.2636)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD61BE
RGB	253, 97, 190
RGB Percent	99%, 38%, 75%
CMY	0.0078, 0.6196, 0.2549
CMYK	0.00, 0.62, 0.25, 0.01
HSL	324°, 98%, 69%
HSV	324°, 62%, 99%
XYZ	54.0770, 33.1497, 52.2636
YIQ	154.2460, 63.1230, 61.9950

# Conversions

## Conversions Part 2

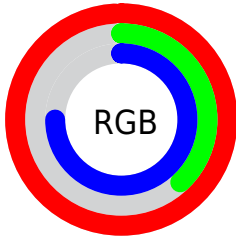
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 97, 190
Decimal	16605630
CIE Lab	64.28, 68.27, -18.18
CIE LCh	64, 70.648, 345.090
Yxy	33.1497, 0.3877, 0.2376
Android (android.graphics.Color)	4294795710 (0xFFFD61BE)
YUV	154.2460, 17.6267, 86.6073
Hunter-Lab	57.5758, 66.8953, -13.5166

# Details

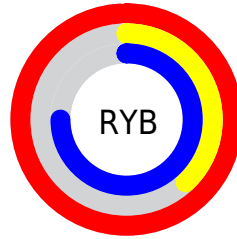
The XYZ color **54.0770, 33.1497, 52.2636** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.4020, 75.3311, 45.3561**, and the grayscale version is **30.7301, 32.3305, 35.2079**.

A 20% lighter version of the original color is **69.5959, 51.3565, 93.4335**, and **26.9719, 14.0721, 24.9615** is the 20% darker color. If you saturate the color by 10%, you get **51.0229, 28.7663, 45.9274**, and if you desaturate by 10%, it is **57.9566, 39.0580, 59.2619**.

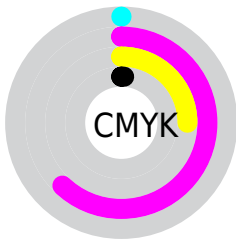
# Distribution



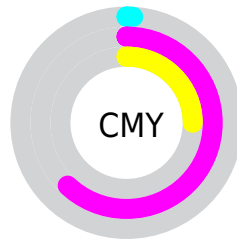
- Red (99%)
- Green (38%)
- Blue (75%)



- Red (99%)
- Yellow (38%)
- Blue (75%)



- Cyan (0%)
- Magenta (62%)
- Yellow (25%)
- Black (1%)




- Cyan (1%)
- Magenta (62%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0770, 33.1497, 52.2636 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 54.0770, 33.1497, 52.2636 by changing the saturation by 10% instead.





 54.0770, 33.1497,  
52.2636


 54.0770, 33.1497,  
52.2636

392.5971,  
316.3237, 412.4393


 38.8941, 22.2412,  
36.8315

 95.3435, 64.6092,  
94.9504


 26.8577, 14.0342,  
24.7823

 122.1579, 85.9289,  
123.0422

 17.6024, 8.1445,  
15.6974


 153.5802,  
111.4878, 156.1911

 10.7629, 4.1875,  
9.1583

 189.9757,  
141.6703, 194.8155

 5.9737, 1.7790,  
4.7463

231.7097,  
176.8607, 239.3339

 2.8696, 0.4740,  
2.0431

279.1478,

 1.0852, 0.0000,

217.4435, 290.1650

0.5816

332.6551,  
263.8030, 347.7273

■ 0.0127, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.0770, 33.1497,  
52.2636

■ 54.0770, 33.1497,  
52.2636

■ 51.0229, 28.7663,  
45.9274

■ 57.9566, 39.0580,  
59.2619

■ 48.7158, 25.7546,  
40.2184

■ 62.7241, 46.6148,  
66.9498

■ 47.0666, 23.9383,  
35.0990

■ 68.4393, 55.9368,  
75.3550

■ 46.0797, 23.1114,  
31.2349

■ 75.1557, 67.1285,  
84.5025

82.9225, 80.2864,  
94.4157

91.7859, 95.5002,  
105.1169

94.3182, 99.6228,  
108.8658

# Harmonies

## Analogous

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



47.2464, 33.1497, 90.8614



54.0770, 33.1497, 52.2636



54.0544, 33.1497, 23.5330

# Triad

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



54.0770, 33.1497, 52.2636



26.7460, 33.1497, 4.7095



19.7530, 33.1497, 91.0900

# Complementary

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



54.0770, 33.1497, 52.2636



46.4020, 75.3311, 45.3561

# 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.



16.3068, 33.1497, 52.4797



54.0770, 33.1497, 52.2636



19.7215, 33.1497, 9.4470

# Square

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



54.0770, 33.1497, 52.2636



36.7384, 33.1497, 4.6979



16.2967, 33.1497, 23.6600



26.7988, 33.1497, 120.1734



# Rectangle

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



54.0770, 33.1497, 52.2636



50.0830, 33.1497, 12.7331



16.2967, 33.1497, 23.6600



18.2083, 33.1497, 78.1001

# Sweetspot

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



54.0780, 33.1514, 52.2642



79.2726, 72.9931, 89.6207



36.3837, 23.0552, 95.4615



16.4940, 14.8247, 18.5675



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.



54.0780, 33.1514, 52.2642



51.3213, 28.4378, 45.3210



47.7422, 30.6171, 18.9005



18.4639, 18.1689, 21.0603



24.5867, 12.3240, 17.0057



2.4480, 1.2216, 1.9408



# Inverse Universe

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



54.0780, 33.1514, 52.2642



51.3213, 28.4378, 45.3210



55.4009, 78.9307, 92.7438



18.4639, 18.1689, 21.0603



24.5867, 12.3240, 17.0057



2.4480, 1.2216, 1.9408



# Previews

## White Background



This preview shows how the XYZ color 54.0770, 33.1497, 52.2636 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

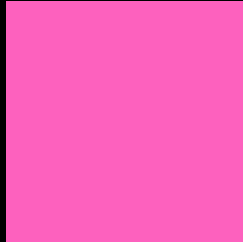
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.0770, 33.1497, 52.2636 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 54.0770, 33.1497, 52.2636**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.0770, 33.1497, 52.2636.



This preview shows how white text looks on a background with the XYZ color 54.0770, 33.1497,



# 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

54.0770, 33.1497, 52.2636

### Protanopia

35.1853, 33.6266, 80.2374

### Deuteranopia

33.9698, 33.2048, 48.8747



## Tritanopia

47.7141, 32.9649, 21.9372

# Trichromacy



## Original Color

54.0770, 33.1497, 52.2636



## Protanomaly

38.4614, 30.8469, 68.8927



## Deuteranomaly

39.0005, 31.3428, 49.8931



## Tritanomaly

49.5129, 32.7304, 30.9021

# Monochromacy



## Original Color

54.0770, 33.1497, 52.2636



## Achromatopsia

30.7148, 32.3143, 35.1903



## Achromatomaly

36.5978, 30.5122, 40.5198

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.0770, 33.1497, 52.2636 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(253, 97, 190)` looks like.

```
.text, #text, p{  
    color:rgb(253, 97, 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(253, 97, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 97, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 54.0770, 33.1497, 52.2636 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(253, 97, 190) }
```



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

```
.border{ border-color:rgb(253, 97, 190) }
```

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

Here you see how a box with a 4 pixel rgb(253, 97, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 97, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 97, 190);  
box-shadow:4px 4px 4px 4px rgb(253, 97,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.0770, 33.1497, 52.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 97, 190) }
```

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

```
.background{ background-color: rgb(253, 97,  
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](#).

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