

# Converting Colors

XYZ(55.1609, 33.7253, 53.9744)

Have a look what the booklet for  
XYZ(55.1609, 33.7253, 53.9744)  
contains.

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# Color

**XYZ(55.1403, 33.6596,  
54.0428)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF61C1
RGB	255, 97, 193
RGB Percent	100%, 38%, 76%
CMY	0.0000, 0.6196, 0.2431
CMYK	0.00, 0.62, 0.24, 0.00
HSL	324°, 100%, 69%
HSV	324°, 62%, 100%
XYZ	55.1403, 33.6596, 54.0428
YIQ	155.1860, 63.3520, 63.3520

# Conversions

## Conversions Part 2

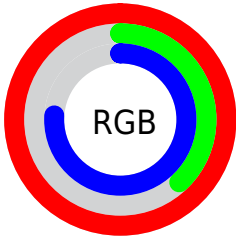
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 97, 193
Decimal	16736705
CIE Lab	64.69, 69.20, -19.23
CIE LCh	65, 71.824, 344.472
Yxy	33.6596, 0.3860, 0.2356
Android (android.graphics.Color)	4294926785 (0xFFFF61C1)
YUV	155.1860, 18.6423, 87.5369
Hunter-Lab	58.0169, 68.1200, -14.6169

# Details

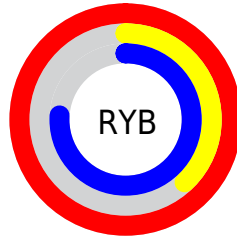
The XYZ color **55.1403, 33.6596, 54.0428** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.9494, 76.5653, 45.1086**, and the grayscale version is **31.1398, 32.7615, 35.6773**.

A 20% lighter version of the original color is **70.2167, 51.6048, 96.7024**, and **27.6302, 14.3947, 25.7483** is the 20% darker color. If you saturate the color by 10%, you get **52.0723, 29.2501, 47.6977**, and if you desaturate by 10%, it is **59.0425, 39.6164, 61.0393**.

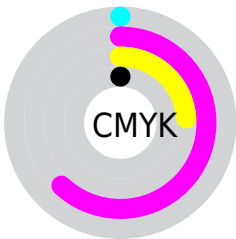
# Distribution



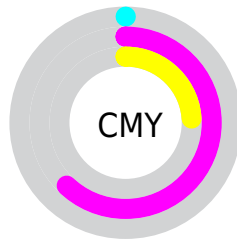
- Red (100%)
- Green (38%)
- Blue (76%)



- Red (100%)
- Yellow (38%)
- Blue (76%)



- Cyan (0%)
- Magenta (62%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (62%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1403, 33.6596, 54.0428 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 55.1403, 33.6596, 54.0428 by changing the saturation by 10% instead.





 55.1403, 33.6596,  
54.0428

 55.1403, 33.6596,  
54.0428


396.5713,  
318.6115, 419.4524


 39.7483, 22.6322,  
38.2425


 96.8936, 65.4040,  
97.5941


 27.5257, 14.3222,  
25.8676


 123.9857, 86.8897,  
126.1822

 18.1071, 8.3451,  
16.4998


 155.7085,  
112.6304, 159.8699

 11.1270, 4.3165,  
9.7203

 192.4274,  
143.0105, 199.0759

 6.2203, 1.8522,  
5.1107

234.5078,  
178.4142, 244.2185

 3.0214, 0.5194,  
2.2525

282.3150,

 1.1651, 0.0000,

219.2260, 295.7165

0.7044

336.2144,  
265.8303, 353.9883

■ 0.0785, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 55.1403, 33.6596,  
54.0428

■ 55.1403, 33.6596,  
54.0428

■ 52.0723, 29.2501,  
47.6977

■ 59.0425, 39.6164,  
61.0393

■ 49.7589, 26.2313,  
41.9691

■ 63.8433, 47.2473,  
68.7149

■ 48.1083, 24.4221,  
36.8194

■ 69.6034, 56.6713,  
77.0970

■ 47.1507, 23.6243,  
33.0554

■ 76.3773, 67.9955,  
86.2104

84.2154, 81.3182,  
96.0786

93.1644, 96.7309,  
106.7236

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.



47.9829, 33.6596, 93.9099



55.1403, 33.6596, 54.0428



55.2764, 33.6596, 24.2160

# Triad

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



55.1403, 33.6596, 54.0428



27.2907, 33.6596, 4.5844



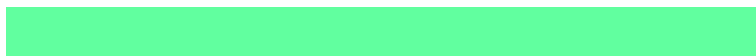
19.8309, 33.6596, 92.5306

# Complementary

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



55.1403, 33.6596, 54.0428



46.9494, 76.5653, 45.1086

# 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.



16.3830, 33.6596, 52.7433



55.1403, 33.6596, 54.0428



20.0194, 33.6596, 9.2340

# Square

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



55.1403, 33.6596, 54.0428



37.5973, 33.6596, 4.6525



16.4437, 33.6596, 23.4569



26.9743, 33.6596, 123.0546



# Rectangle

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



55.1403, 33.6596, 54.0428



51.2716, 33.6596, 12.9955



16.4437, 33.6596, 23.4569



18.2767, 33.6596, 79.0791

# Sweetspot

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



55.1412, 33.6612, 54.0434



78.5824, 71.7233, 89.0493



36.3419, 22.9967, 97.1311



16.3631, 14.5794, 18.4723



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.



55.1412, 33.6612, 54.0434



51.5411, 28.5257, 46.4786



48.6354, 31.0589, 19.7846



18.4730, 18.1725, 21.1081



24.7128, 12.3744, 17.6698



2.4599, 1.2263, 2.0034



# Inverse Universe

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



55.1412, 33.6612, 54.0434



51.5411, 28.5257, 46.4786



55.9136, 80.1510, 92.3137



18.4730, 18.1725, 21.1081



24.7128, 12.3744, 17.6698

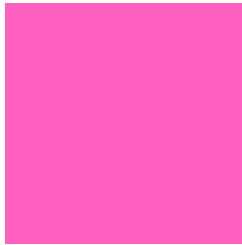


2.4599, 1.2263, 2.0034



# Previews

## White Background



This preview shows how the XYZ color 55.1403, 33.6596, 54.0428 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

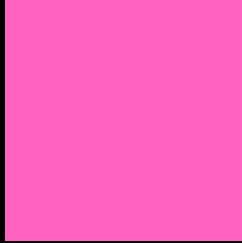
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 55.1403, 33.6596, 54.0428 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 55.1403, 33.6596, 54.0428**

## **Background**



This preview shows how black text looks on a background with the XYZ color 55.1403, 33.6596, 54.0428.



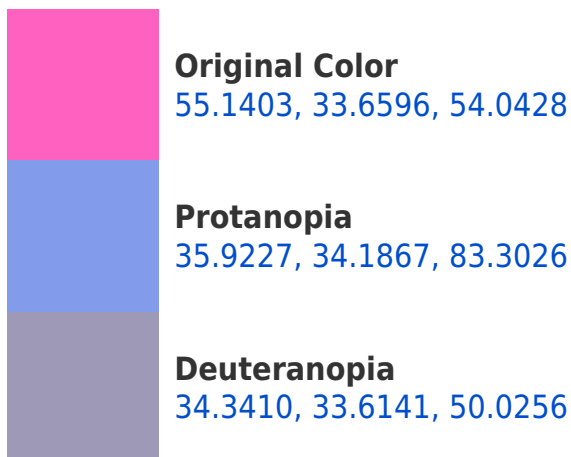
This preview shows how white text looks on a background with the XYZ color 55.1403, 33.6596,



# 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





## Tritanopia

48.5971, 33.5795, 22.3325

# Trichromacy



## Original Color

55.1403, 33.6596, 54.0428



## Protanomaly

39.1226, 31.3315, 71.6957



## Deuteranomaly

39.6053, 31.8322, 51.0705



## Tritanomaly

50.4915, 33.3725, 31.7973

# Monochromacy



## Original Color

55.1403, 33.6596, 54.0428



## Achromatopsia

31.1553, 32.7778, 35.6950



## Achromatomaly

37.1724, 30.9911, 41.5588

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.1403, 33.6596, 54.0428 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, 97, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 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, 97, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 55.1403, 33.6596, 54.0428 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, 97, 193) }
```



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

```
.border{ border-color:rgb(255, 97, 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, 97, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.1403, 33.6596, 54.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 193) }
```

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

```
.background{ background-color: rgb(255, 97,  
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](#).

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