

Converting Colors

XYZ(54.4853, 33.2828, 67.1086)

Have a look what the booklet for
XYZ(54.4853, 33.2828, 67.1086)
contains.

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Color

**XYZ(54.6055, 33.3716,
67.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	F663D6
RGB	246, 99, 214
RGB Percent	96%, 39%, 84%
CMY	0.0353, 0.6117, 0.1608
CMYK	0.00, 0.60, 0.13, 0.04
HSL	313°, 89%, 68%
HSV	313°, 60%, 96%
XYZ	54.6055, 33.3716, 67.1817
YIQ	156.0630, 50.6970, 66.9290

Conversions

Conversions Part 2

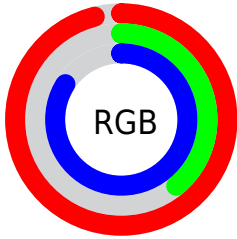
Format	Color
R _Y B	246, 99, 214
Decimal	16147414
CIE Lab	64.46, 68.84, -31.54
CIE LCh	64, 75.726, 335.386
Yxy	33.3716, 0.3519, 0.2151
Android (android.graphics.Color)	4294337494 (0xFFFF663D6)
YUV	156.0630, 28.5629, 78.8747
Hunter-Lab	57.7682, 67.6333, -28.5138

Details

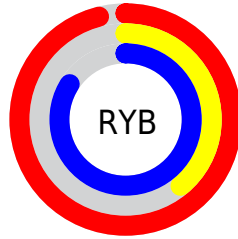
The XYZ color **54.6055, 33.3716, 67.1817** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **42.1997, 70.2041, 32.8021**, and the grayscale version is **31.4903, 33.1302, 36.0788**.

A 20% lighter version of the original color is **71.3470, 52.5939, 100.9990**, and **27.0797, 14.0864, 34.0926** is the 20% darker color. If you saturate the color by 10%, you get **51.9472, 29.1311, 62.9765**, and if you desaturate by 10%, it is **57.9981, 39.0434, 71.7432**.

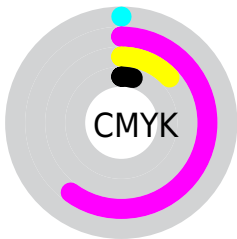
Distribution



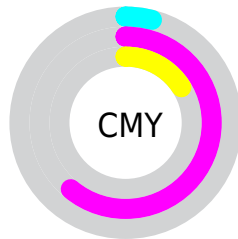
- Red (96%)
- Green (39%)
- Blue (84%)



- Red (96%)
- Yellow (39%)
- Blue (84%)



- Cyan (0%)
- Magenta (60%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (61%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6055, 33.3716, 67.1817 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 54.6055, 33.3716, 67.1817 by changing the saturation by 10% instead.


 54.6055, 33.3716,
67.1817


 54.6055, 33.3716,
67.1817

394.5756,
317.3209, 469.1104


 39.3186, 22.4113,
48.7698

 96.1144, 64.9553,
116.8238


 27.1895, 14.1594,
34.0726


 123.0671, 86.3474,
148.8912

 17.8529, 8.2316,
22.6715


 154.6390,
111.9855, 186.3473

 10.9435, 4.2435,
14.1482

 191.1956,
142.2541, 229.6109

 6.0958, 1.8107,
8.0839

233.1022,
177.5376, 279.1005

 2.9447, 0.4938,
4.0601

280.7242,

 1.1246, 0.0000,

218.2202, 335.2346

1.6584

334.4268,
264.6865, 398.4317

■ 0.0455, 0.0000,
0.3320

■ 0.0000, 0.0000,
0.0000

■ 54.6055, 33.3716,
67.1817

■ 54.6055, 33.3716,
67.1817

■ 51.9472, 29.1311,
62.9765

■ 57.9981, 39.0434,
71.7432

■ 49.9528, 26.1834,
59.1023

■ 62.1802, 46.2586,
76.6795

■ 48.5439, 24.3713,
55.5320

■ 67.2055, 55.1235,
82.0100

■ 47.5917, 23.4377,
52.2218

■ 73.1219, 65.7337,
87.7515

47.5704, 23.4186,
52.1421

79.9738, 78.1775,
93.9198

87.8024, 92.5372,
100.5297

91.2561, 98.1089,
105.7983

91.8164, 98.3330,
108.7487

Harmonies

Analogous

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



45.3356, 33.3716, 109.6398



54.6055, 33.3716, 67.1817



57.2265, 33.3716, 31.0322

Triad

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



54.6055, 33.3716, 67.1817



29.8083, 33.3716, 3.4576



17.6162, 33.3716, 82.8330

Complementary

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



54.6055, 33.3716, 67.1817



42.1997, 70.2041, 32.8021

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.



15.2042, 33.3716, 42.2121



54.6055, 33.3716, 67.1817



21.1443, 33.3716, 6.2107

Square

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



54.6055, 33.3716, 67.1817



41.1834, 33.3716, 4.6445



16.3311, 33.3716, 16.7599



23.8280, 33.3716, 121.7204

Rectangle

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



54.6055, 33.3716, 67.1817



54.4359, 33.3716, 16.3302



16.3311, 33.3716, 16.7599



16.4072, 33.3716, 68.2814

Sweetspot

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



54.6066, 33.3732, 67.1824



80.5476, 73.5031, 96.3345



30.4351, 20.3928, 89.5216



16.8070, 14.9499, 20.2157



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.



54.6066, 33.3732, 67.1824



55.7884, 30.7254, 67.3007



47.2511, 30.4310, 28.4486



17.0501, 16.7029, 20.0106



25.4454, 12.5216, 28.1174



2.2738, 1.1155, 2.6681

Inverse Universe

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



54.6066, 33.3732, 67.1824



55.7884, 30.7254, 67.3007



49.0439, 72.9418, 68.8432



17.0501, 16.7029, 20.0106



25.4454, 12.5216, 28.1174



2.2738, 1.1155, 2.6681

Previews

White Background



This preview shows how the XYZ color 54.6055, 33.3716, 67.1817 looks on a white background.

Color Contrast Check

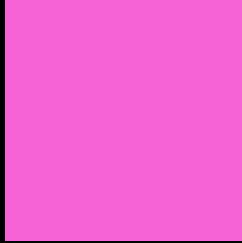
Large Text (above 18pt) WCAG AA × Fail

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 54.6055, 33.3716, 67.1817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

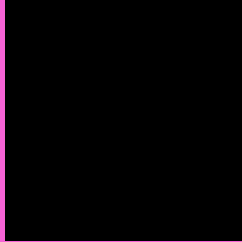
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6055, 33.3716, 67.1817

Background



This preview shows how black text looks on a background with the XYZ color 54.6055, 33.3716, 67.1817.



This preview shows how white text looks on a background with the XYZ color 54.6055, 33.3716,

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

54.6055, 33.3716, 67.1817

Protanopia

36.6437, 33.7155, 99.1841

Deuteranopia

34.2521, 33.5387, 62.4259



Tritanopia

45.7249, 33.2642, 24.7796

Trichromacy



Original Color

54.6055, 33.3716, 67.1817



Protanomaly

39.2200, 30.8529, 86.3262



Deuteranomaly

39.2017, 31.5493, 63.6980



Tritanomaly

48.1855, 32.8736, 37.0633

Monochromacy



Original Color

54.6055, 33.3716, 67.1817



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

37.5861, 31.3211, 45.6595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6055, 33.3716, 67.1817 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(246, 99, 214)` looks like.

```
.text, #text, p{  
    color:rgb(246, 99, 214)  
}
```

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(246, 99, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 99, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.6055, 33.3716, 67.1817 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(246, 99, 214) }
```


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

```
.border{ border-color:rgb(246, 99, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 99, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 99, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 99, 214); box-shadow:4px 4px 4px 4px rgb(246, 99, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6055, 33.3716, 67.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 99, 214) }
```

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

```
.background{ background-color: rgb(246, 99,  
214) }
```

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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