

Converting Colors

XYZ(54.7071, 36.3457, 48.0179)

Have a look what the booklet for
XYZ(54.7071, 36.3457, 48.0179)
contains.

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Color

**XYZ(54.6161, 36.2931,
47.8427)**

Conversions

Conversions Part 1

Format	Color
Hex	FC73B5
RGB	252, 115, 181
RGB Percent	99%, 45%, 71%
CMY	0.0118, 0.5490, 0.2902
CMYK	0.00, 0.54, 0.28, 0.01
HSL	331°, 96%, 72%
HSV	331°, 54%, 99%
XYZ	54.6161, 36.2931, 47.8427
YIQ	163.4870, 60.4660, 49.5700

Conversions

Conversions Part 2

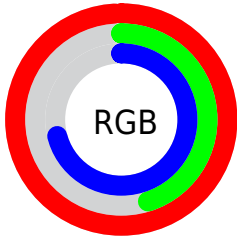
Format	Color
R _Y B	252, 115, 181
Decimal	16544693
CIE Lab	66.74, 59.03, -9.39
CIE LCh	67, 59.774, 350.964
Yxy	36.2931, 0.3936, 0.2616
Android (android.graphics.Color)	4294734773 (0xFFFC73B5)
YUV	163.4870, 8.6339, 77.6259
Hunter-Lab	60.2438, 56.3989, -4.9146

Details

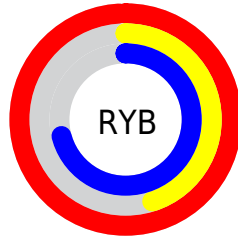
The XYZ color **54.6161, 36.2931, 47.8427** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.7454, 76.8118, 58.6100**, and the grayscale version is **34.9847, 36.8066, 40.0824**.

A 20% lighter version of the original color is **71.0890, 56.5002, 87.2796**, and **27.1476, 15.7911, 22.0392** is the 20% darker color. If you saturate the color by 10%, you get **50.8473, 30.8003, 40.2817**, and if you desaturate by 10%, it is **59.2979, 43.4102, 56.3286**.

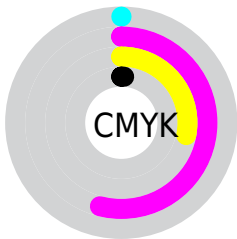
Distribution



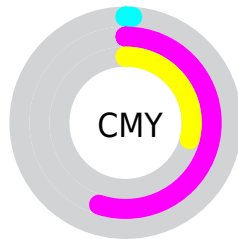
- Red (99%)
- Green (45%)
- Blue (71%)



- Red (99%)
- Yellow (45%)
- Blue (71%)



- Cyan (0%)
- Magenta (54%)
- Yellow (28%)
- Black (1%)





- Cyan (1%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6161, 36.2931, 47.8427 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 54.6161, 36.2931, 47.8427 by changing the saturation by 10% instead.


 54.6161, 36.2931,
47.8427

 54.6161, 36.2931,
47.8427

394.6152,
330.2398, 394.6590


 39.3271, 24.6606,
33.3432


 96.1299, 69.4842,
88.3333

 27.1961, 15.8244,
22.1162


 123.0853, 91.8117,
115.1614

 17.8579, 9.4000,
13.7432


 154.6603,
118.4729, 146.9363

 10.9471, 5.0030,
7.8056

191.2201,
149.8524, 184.0763

 6.0983, 2.2490,
3.8848

233.1301,
186.3344, 227.0000

 2.9462, 0.7465,
1.5624

280.7558,

 1.1254, 0.0000,

228.3033, 276.1260

0.2638

334.4623,
276.1437, 331.8728

■ 0.0462, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6161, 36.2931,
47.8427

■ 54.6161, 36.2931,
47.8427

■ 50.8473, 30.8003,
40.2817

■ 59.2979, 43.4102,
56.3286

■ 47.9191, 26.7937,
33.6034

■ 64.9511, 52.2640,
65.7742

■ 45.7529, 24.1210,
27.7644

■ 71.6328, 62.9632,
76.2144

■ 44.2513, 22.5938,
22.7136

■ 79.3943, 75.6058,
87.6815

■ 43.6205, 22.0857,
20.1804

■ 88.2837, 90.2831,
100.2063

■ 93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



49.7976, 36.2931, 79.7826



54.6161, 36.2931, 47.8427



53.3586, 36.2931, 24.2760

Triad

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



54.6161, 36.2931, 47.8427



28.6547, 36.2931, 8.9141



24.6845, 36.2931, 92.0199

Complementary

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



54.6161, 36.2931, 47.8427



50.7454, 76.8118, 58.6100

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.



20.7019, 36.2931, 60.0865



54.6161, 36.2931, 47.8427



22.7011, 36.2931, 15.7623

Square

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



54.6161, 36.2931, 47.8427



37.2917, 36.2931, 7.9602



20.0453, 36.2931, 32.2180



31.8427, 36.2931, 111.6725

Rectangle

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



54.6161, 36.2931, 47.8427



49.3199, 36.2931, 15.0784



20.0453, 36.2931, 32.2180



22.9861, 36.2931, 81.8460

Sweetspot

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



54.6172, 36.2949, 47.8434



80.1676, 75.3866, 88.0581



43.9004, 29.7040, 95.5154



16.7960, 15.5423, 18.3177



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.



54.6172, 36.2949, 47.8434



52.0037, 31.3146, 40.8869



49.6352, 34.7239, 20.3083



17.5929, 17.3645, 19.7121



22.7960, 11.5341, 10.9002



2.1646, 1.0896, 1.2901

Inverse Universe

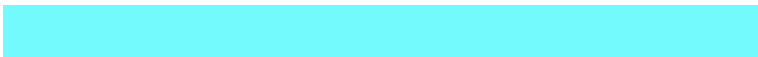
The Inverse Universe completely reimagines the original color for something new.



54.6172, 36.2949, 47.8434



52.0037, 31.3146, 40.8869



58.7397, 78.8692, 104.2231



17.5929, 17.3645, 19.7121



22.7960, 11.5341, 10.9002



2.1646, 1.0896, 1.2901

Previews

White Background



This preview shows how the XYZ color 54.6161, 36.2931, 47.8427 looks on a white background.

Color Contrast Check

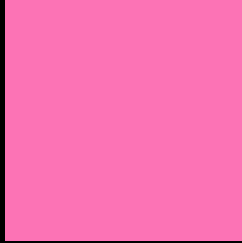
Large Text (above 18pt) WCAG AA × Fail

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 54.6161, 36.2931, 47.8427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

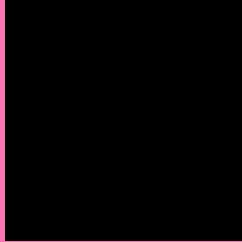
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6161, 36.2931, 47.8427

Background



This preview shows how black text looks on a background with the XYZ color 54.6161, 36.2931, 47.8427.



This preview shows how white text looks on a background with the XYZ color 54.6161, 36.2931,

47.8427.

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

54.6161, 36.2931, 47.8427

Protanopia

37.0230, 36.6328, 67.4069

Deuteranopia

37.1004, 36.3939, 45.1137



Tritanopia

50.3481, 36.3449, 26.9159

Trichromacy



Original Color

54.6161, 36.2931, 47.8427



Protanomaly

40.7656, 34.6027, 59.7887



Deuteranomaly

41.9659, 35.0769, 46.1536



Tritanomaly

51.4902, 36.0488, 33.5224

Monochromacy



Original Color

54.6161, 36.2931, 47.8427



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

40.0403, 35.0622, 42.6875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6161, 36.2931, 47.8427 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(252, 115, 181)` looks like.

```
.text, #text, p{  
    color:rgb(252, 115, 181)  
}
```

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(252, 115, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 115, 181) }
```

Border

The CSS property to change the border of an element to XYZ 54.6161, 36.2931, 47.8427 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(252, 115, 181) }
```


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

```
.border{ border-color:rgb(252, 115, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 115, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 115, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 115, 181);  
box-shadow:4px 4px 4px 4px rgb(252, 115,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6161, 36.2931, 47.8427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 115, 181) }
```

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

```
.background{ background-color: rgb(252,  
115, 181) }
```

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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