

Converting Colors

XYZ(54.2882, 35.8010, 47.2290)

Have a look what the booklet for
XYZ(54.2882, 35.8010, 47.2290)
contains.

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Color

**XYZ(54.2882, 35.8010,
47.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	FC71B4
RGB	252, 113, 180
RGB Percent	99%, 44%, 71%
CMY	0.0118, 0.5568, 0.2941
CMYK	0.00, 0.55, 0.29, 0.01
HSL	331°, 96%, 72%
HSV	331°, 55%, 99%
XYZ	54.2882, 35.8010, 47.2290
YIQ	162.1990, 61.3370, 50.3050

Conversions

Conversions Part 2

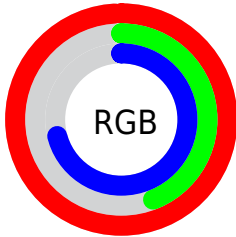
Format	Color
R _Y B	252, 113, 180
Decimal	16544180
CIE Lab	66.37, 59.82, -9.38
CIE LCh	66, 60.550, 351.086
Yxy	35.8010, 0.3953, 0.2607
Android (android.graphics.Color)	4294734260 (0xFFFC71B4)
YUV	162.1990, 8.7759, 78.7555
Hunter-Lab	59.8339, 57.2463, -4.9159

Details

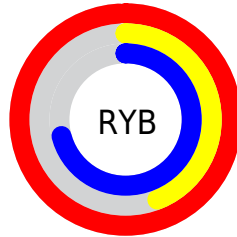
The XYZ color **54.2882, 35.8010, 47.2290** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.3793, 76.6352, 58.0398**, and the grayscale version is **34.3772, 36.1675, 39.3864**.

A 20% lighter version of the original color is **70.5683, 55.6921, 86.3872**, and **26.9832, 15.5671, 21.6613** is the 20% darker color. If you saturate the color by 10%, you get **50.5890, 30.4315, 39.7410**, and if you desaturate by 10%, it is **58.8950, 42.7848, 55.6382**.

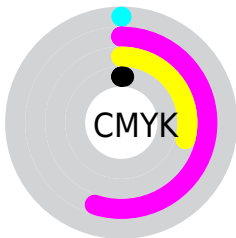
Distribution



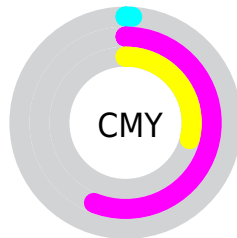
- Red (99%)
- Green (44%)
- Blue (71%)



- Red (99%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (55%)
- Yellow (29%)
- Black (1%)





- Cyan (1%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2882, 35.8010, 47.2290 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 54.2882, 35.8010, 47.2290 by changing the saturation by 10% instead.

 54.2882, 35.8010,
47.2290


 54.2882, 35.8010,
47.2290

393.3885,
328.0899, 392.1481

 39.0637, 24.2805,
32.8611


 95.6517, 68.7248,
87.4089

 26.9902, 15.5419,
21.7498


 122.5214, 90.8969,
114.0580

 17.7024, 9.2006,
13.4766


 154.0036,
117.3884, 145.6378

 10.8350, 4.8722,
7.6230

190.4635,
148.5837, 182.5670

 6.0224, 2.1725,
3.7704

232.2666,
184.8670, 225.2641

 2.8995, 0.7049,
1.5002

279.7783,

 1.1008, 0.0000,

226.6229, 274.1476

0.2181

333.3638,
274.2358, 329.6361

■ 0.0258, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2882, 35.8010,
47.2290

■ 54.2882, 35.8010,
47.2290

■ 50.5890, 30.4315,
39.7410

■ 58.8950, 42.7848,
55.6382

■ 47.7246, 26.5367,
33.1319

■ 64.4684, 51.4965,
65.0036

■ 45.6150, 23.9624,
27.3576

■ 71.0659, 62.0452,
75.3603

■ 44.1611, 22.5163,
22.3666

■ 78.7392, 74.5299,
86.7408

■ 43.6245, 22.0873,
20.2019

■ 87.5365, 89.0422,
99.1757

■ 93.9549, 99.4355,
108.8488

Harmonies

Analogous

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



49.4515, 35.8010, 79.4388



54.2882, 35.8010, 47.2290



52.9941, 35.8010, 23.6538

Triad

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



54.2882, 35.8010, 47.2290



28.1407, 35.8010, 8.5121



24.2214, 35.8010, 92.0715

Complementary

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



54.2882, 35.8010, 47.2290



50.3793, 76.6352, 58.0398

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.



20.2313, 35.8010, 59.8119



54.2882, 35.8010, 47.2290



22.1994, 35.8010, 15.3003

Square

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



54.2882, 35.8010, 47.2290



36.7974, 35.8010, 7.5579



19.5632, 35.8010, 31.7543



31.4007, 35.8010, 111.9019

Rectangle

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



54.2882, 35.8010, 47.2290



48.9092, 35.8010, 14.5373



19.5632, 35.8010, 31.7543



22.5200, 35.8010, 81.7887

Sweetspot

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



54.2892, 35.8028, 47.2297



79.3390, 74.0293, 86.8574



43.4410, 29.1323, 95.4291



16.6323, 15.2748, 18.0782



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.



54.2892, 35.8028, 47.2297



51.6750, 30.8483, 40.1881



49.2938, 34.2235, 19.6328



17.5931, 17.3646, 19.7131



22.7981, 11.5350, 10.9114



2.1648, 1.0897, 1.2912

Inverse Universe

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



54.2892, 35.8028, 47.2297



51.6750, 30.8483, 40.1881



58.4692, 78.7143, 104.2073



17.5931, 17.3646, 19.7131



22.7981, 11.5350, 10.9114



2.1648, 1.0897, 1.2912

Previews

White Background



This preview shows how the XYZ color 54.2882, 35.8010, 47.2290 looks on a white background.

Color Contrast Check

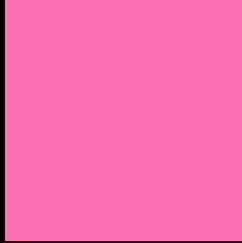
Large Text (above 18pt) WCAG AA × Fail

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 54.2882, 35.8010, 47.2290 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 54.2882, 35.8010, 47.2290

Background



This preview shows how black text looks on a background with the XYZ color 54.2882, 35.8010, 47.2290.



This preview shows how white text looks on a background with the XYZ color 54.2882, 35.8010,

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

54.2882, 35.8010, 47.2290

Protanopia

36.5414, 36.1407, 66.6779

Deuteranopia

36.6131, 35.9017, 44.5352



Tritanopia

49.9592, 35.7883, 26.1045

Trichromacy



Original Color

54.2882, 35.8010, 47.2290



Protanomaly

40.4975, 34.2542, 59.1208



Deuteranomaly

41.4487, 34.6018, 45.5685



Tritanomaly

51.0886, 35.5033, 32.5939

Monochromacy



Original Color

54.2882, 35.8010, 47.2290



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

39.6404, 34.4132, 42.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2882, 35.8010, 47.2290 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, 113, 180)` looks like.

```
.text, #text, p{  
    color:rgb(252, 113, 180)  
}
```

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, 113, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 113, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.2882, 35.8010, 47.2290 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, 113, 180) }
```


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

```
.border{ border-color:rgb(252, 113, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 113, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 113, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 113, 180);  
box-shadow:4px 4px 4px 4px rgb(252, 113,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2882, 35.8010, 47.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 113, 180) }
```

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

```
.background{ background-color: rgb(252,  
113, 180) }
```

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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