

Converting Colors

XYZ(52.7208, 30.9565, 46.6516)

Have a look what the booklet for
XYZ(52.7208, 30.9565, 46.6516)
contains.

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Color

**XYZ(52.7508, 30.9368,
46.9072)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF54B5 |
| RGB | 255, 84, 181 |
| RGB Percent | 100%, 33%, 71% |
| CMY | 0.0000, 0.6706, 0.2902 |
| CMYK | 0.00, 0.67, 0.29, 0.00 |
| HSL | 326°, 100%, 66% |
| HSV | 326°, 67%, 100% |
| XYZ | 52.7508, 30.9368, 46.9072 |
| YIQ | 146.1870, 70.7790, 66.4190 |

Conversions

Conversions Part 2

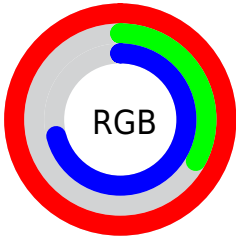
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 84, 181 |
| Decimal | 16733365 |
| CIE Lab | 62.45, 72.73, -15.78 |
| CIE LCh | 62, 74.426, 347.755 |
| Yxy | 30.9368, 0.4039, 0.2369 |
| Android (android.graphics.Color) | 4294923445 (0xFFFF54B5) |
| YUV | 146.1870, 17.1628, 95.4290 |
| Hunter-Lab | 55.6209, 71.9528, -11.0669 |

Details

The XYZ color **52.7508, 30.9368, 46.9072** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **45.5894, 75.8742, 44.5942**, and the grayscale version is **27.3113, 28.7336, 31.2909**.

A 20% lighter version of the original color is **66.4993, 47.3209, 85.7497**, and **26.1444, 13.0278, 21.5587** is the 20% darker color. If you saturate the color by 10%, you get **50.0313, 27.2387, 40.6335**, and if you desaturate by 10%, it is **56.2816, 36.1137, 53.8945**.

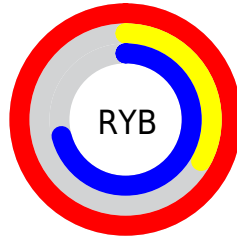
Distribution



Red (100%)

Green (33%)

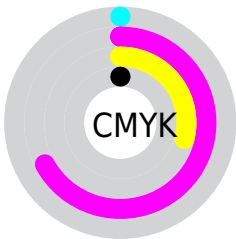
Blue (71%)



Red (100%)

Yellow (33%)

Blue (71%)

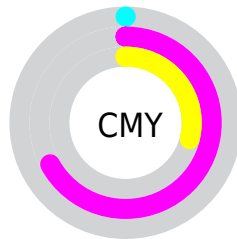


Cyan (0%)

Magenta (67%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (67%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7508, 30.9368, 46.9072 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 52.7508, 30.9368, 46.9072 by changing the saturation by 10% instead.


 52.7508, 30.9368,
46.9072

 52.7508, 30.9368,
46.9072

387.6048,
306.2471, 390.8270


 37.8306, 20.5507,
32.6085


 93.4053, 61.1406,
86.9236


 26.0278, 12.7960,
21.5580


 119.8702, 81.7270,
113.4784

 16.9772, 7.2882,
13.3373


 150.9140,
106.4824, 144.9556

 10.3135, 3.6430,
7.5278

 186.9022,
135.7911, 181.7738

 5.6711, 1.4759,
3.7109

228.2000,
170.0376, 224.3515

 2.6849, 0.2717,
1.4681

275.1728,

 0.9894, 0.0000,

209.6061, 273.1072

0.1940

328.1860,
254.8811, 328.4596

■ 0.0000, 0.0000,
0.0000

■ 52.7508, 30.9368,
46.9072

■ 52.7508, 30.9368,
46.9072

■ 50.0313, 27.2387,
40.6335

■ 56.2816, 36.1137,
53.8945

■ 48.0360, 24.8490,
35.0333

■ 60.6934, 42.9059,
61.6276


■ 46.6584, 23.5578,
30.0608

■ 66.0507, 51.4392,
70.1378

■ 46.3234, 23.2934,
28.6988

■ 72.4111, 61.8259,
79.4537

■ 79.8274, 74.1687,
89.6017

 88.3486, 88.5626,
100.6070

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.



46.2456, 30.9368, 86.5991



52.7508, 30.9368, 46.9072



52.0408, 30.9368, 19.4149

Triad

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



52.7508, 30.9368, 46.9072



23.8724, 30.9368, 3.6327



18.1881, 30.9368, 93.8880

Complementary

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



52.7508, 30.9368, 46.9072



45.5894, 75.8742, 44.5942

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.



14.5194, 30.9368, 53.6450



52.7508, 30.9368, 46.9072



17.2467, 30.9368, 8.4263

Square

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



52.7508, 30.9368, 46.9072



33.7173, 30.9368, 3.3282



14.2197, 30.9368, 23.2149



25.4761, 30.9368, 122.4762

Rectangle

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



52.7508, 30.9368, 46.9072



47.5804, 30.9368, 9.8217



14.2197, 30.9368, 23.2149



16.5707, 30.9368, 80.4869

Sweetspot

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



52.7516, 30.9384, 46.9077



77.5307, 70.3249, 86.5252



34.7878, 20.5560, 96.7419



16.1444, 14.3022, 17.9062



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.



52.7516, 30.9384, 46.9077



49.3726, 26.4071, 38.9161



46.6279, 28.4889, 14.6608



18.4411, 18.1597, 20.9398



24.2813, 12.2018, 15.3979



2.4190, 1.2100, 1.7880

Inverse Universe

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



52.7516, 30.9384, 46.9077



49.3726, 26.4071, 38.9161



55.2570, 79.7413, 95.5033



18.4411, 18.1597, 20.9398



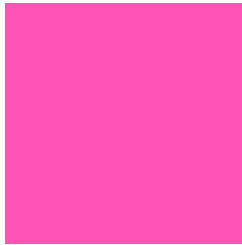
24.2813, 12.2018, 15.3979



2.4190, 1.2100, 1.7880

Previews

White Background



This preview shows how the XYZ color 52.7508, 30.9368, 46.9072 looks on a white background.

Color Contrast Check

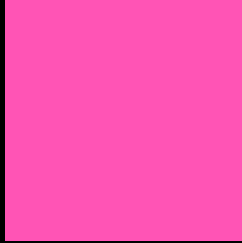
Large Text (above 18pt) WCAG AA × Fail

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 52.7508, 30.9368, 46.9072 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 52.7508, 30.9368, 46.9072

Background



This preview shows how black text looks on a background with the XYZ color 52.7508, 30.9368, 46.9072.



This preview shows how white text looks on a background with the XYZ color 52.7508, 30.9368,

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

52.7508, 30.9368, 46.9072

Protanopia

32.9248, 31.3260, 76.9843

Deuteranopia

31.5904, 30.9139, 43.3317



Tritanopia

46.5786, 30.7466, 17.9477

Trichromacy



Original Color

52.7508, 30.9368, 46.9072



Protanomaly

35.9797, 28.0910, 64.4985



Deuteranomaly

36.6837, 28.7169, 44.1669



Tritanomaly

48.2490, 30.4429, 26.2547

Monochromacy



Original Color

52.7508, 30.9368, 46.9072



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

33.5907, 27.1082, 36.2629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7508, 30.9368, 46.9072 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, 84, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 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(255, 84, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 181) }
```

Border

The CSS property to change the border of an element to XYZ 52.7508, 30.9368, 46.9072 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, 84, 181) }
```


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

```
.border{ border-color:rgb(255, 84, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7508, 30.9368, 46.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 181) }
```

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

```
.background{ background-color: rgb(255, 84,  
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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