

Converting Colors

XYZ(52.2341, 29.3045, 48.5815)

Have a look what the booklet for
XYZ(52.2341, 29.3045, 48.5815)
contains.

XYZ(52.2502, 29.2693, 48.7946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.2502, 29.2693,
48.7946)**

Conversions

Conversions Part 1

Format	Color
Hex	FF47B9
RGB	255, 71, 185
RGB Percent	100%, 28%, 73%
CMY	0.0000, 0.7215, 0.2745
CMYK	0.00, 0.72, 0.27, 0.00
HSL	323°, 100%, 64%
HSV	323°, 72%, 100%
XYZ	52.2502, 29.2693, 48.7946
YIQ	139.0120, 73.0700, 74.4620

Conversions

Conversions Part 2

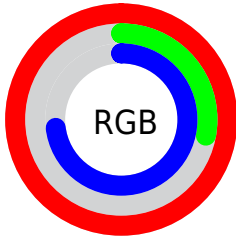
Format	Color
RYB	255, 71, 185
Decimal	16730041
CIELab	61.02, 77.62, -20.26
CIElCh	61, 80.218, 345.371
Yxy	29.2693, 0.4010, 0.2246
Android (android.graphics.Color)	4294920121 (0xFFFF47B9)
YUV	139.0120, 22.6721, 101.7215
Hunter-Lab	54.1011, 77.7162, -15.6038

Details

The XYZ color **52.2502, 29.2693, 48.7946** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **43.1680, 74.7835, 37.3632**, and the grayscale version is **24.4430, 25.7160, 28.0047**.

A 20% lighter version of the original color is **65.6423, 44.6611, 88.3798**, and **26.4130, 13.1353, 22.9730** is the 20% darker color. If you saturate the color by 10%, you get **49.9653, 26.2830, 43.1512**, and if you desaturate by 10%, it is **55.2864, 33.6461, 55.0338**.

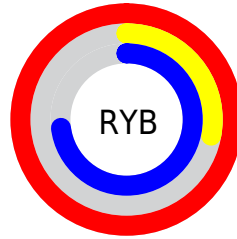
Distribution



Red (100%)

Green (28%)

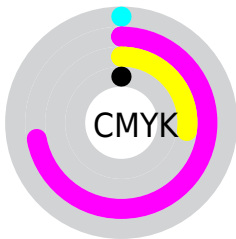
Blue (73%)



Red (100%)

Yellow (28%)

Blue (73%)

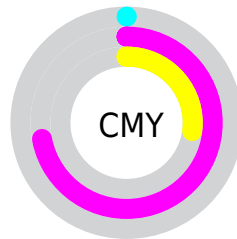


Cyan (0%)

Magenta (72%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2502, 29.2693, 48.7946 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 52.2502, 29.2693, 48.7946 by changing the saturation by 10% instead.


 52.2502, 29.2693,
48.7946

 52.2502, 29.2693,
48.7946

385.7099,
298.4835, 398.5323


 37.4296, 19.2846,
34.0921


 92.6722, 58.5047,
89.7641


 25.7155, 11.8761,
22.6864


 119.0043, 78.5242,
116.8683

 16.7425, 6.6594,
14.1590


 149.9043,
102.6574, 148.9434

 10.1452, 3.2500,
8.0913

 185.7375,
131.2888, 186.4080

 5.5584, 1.2636,
4.0648

226.8693,
164.8027, 229.6807

 2.6165, 0.1128,
1.6610

273.6651,

 0.9544, 0.0000,

203.5835, 279.1799

0.3338

326.4901,
248.0156, 335.3243

■ 0.0000, 0.0000,
0.0000

■ 52.2502, 29.2693,
48.7946

■ 52.2502, 29.2693,
48.7946

■ 49.9653, 26.2830,
43.1512

■ 55.2864, 33.6461,
55.0338

■ 48.3364, 24.4991,
38.0642

■ 59.1486, 39.5610,
61.8996

■ 47.4101, 23.7281,
34.4215

■ 63.9046, 47.1474,
69.4212

■ 69.6142, 56.5230,
77.6249

■ 76.3321, 67.7949,
86.5349

84.1083, 81.0615,
96.1741

92.9897, 96.4145,
106.5638

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.



44.7812, 29.2693, 92.0981



52.2502, 29.2693, 48.7946



52.1473, 29.2693, 18.8806

Triad

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



52.2502, 29.2693, 48.7946



22.8091, 29.2693, 2.3195



15.9211, 29.2693, 93.1756

Complementary

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



52.2502, 29.2693, 48.7946



43.1680, 74.7835, 37.3632

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.



12.5531, 29.2693, 49.7609



52.2502, 29.2693, 48.7946



15.7941, 29.2693, 6.0782

Square

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



52.2502, 29.2693, 48.7946



33.2300, 29.2693, 2.2859



12.5133, 29.2693, 19.3949



23.0308, 29.2693, 126.7812

Rectangle

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



52.2502, 29.2693, 48.7946



47.7168, 29.2693, 8.7646



12.5133, 29.2693, 19.3949



14.4026, 29.2693, 78.3563

Sweetspot

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



52.2510, 29.2708, 48.7951



76.4424, 67.9816, 86.6761



30.8639, 17.1718, 96.2955



15.9490, 13.8535, 18.0192



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.



52.2510, 29.2708, 48.7951



49.1002, 25.2809, 40.6182



45.5844, 26.6041, 13.6890



18.4825, 18.1763, 21.1582



24.8479, 12.4284, 18.3812



2.4726, 1.2314, 2.0702

Inverse Universe

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



52.2510, 29.2708, 48.7951



49.1002, 25.2809, 40.6182



52.7082, 78.5996, 87.6014



18.4825, 18.1763, 21.1582



24.8479, 12.4284, 18.3812



2.4726, 1.2314, 2.0702

Previews

White Background



This preview shows how the XYZ color 52.2502, 29.2693, 48.7946 looks on a white background.

Color Contrast Check

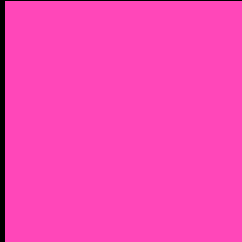
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.2502, 29.2693, 48.7946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

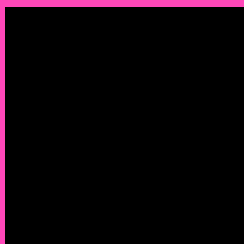
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.2502, 29.2693, 48.7946

Background



This preview shows how black text looks on a background with the XYZ color 52.2502, 29.2693, 48.7946.



This preview shows how white text looks on a background with the XYZ color 52.2502, 29.2693,

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

52.2502, 29.2693, 48.7946

Protanopia

31.9837, 29.4935, 85.6685

Deuteranopia

29.9239, 29.3376, 44.6430



Tritanopia

45.1526, 29.0805, 15.5452

Trichromacy



Original Color

52.2502, 29.2693, 48.7946



Protanomaly

34.2517, 25.6236, 70.1584



Deuteranomaly

34.9915, 26.5420, 45.9267



Tritanomaly

47.2763, 28.8307, 24.9029

Monochromacy



Original Color

52.2502, 29.2693, 48.7946



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

31.0741, 24.2587, 34.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2502, 29.2693, 48.7946 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, 71, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 185)  
}
```

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, 71, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 185) }
```

Border

The CSS property to change the border of an element to XYZ 52.2502, 29.2693, 48.7946 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, 71, 185) }
```


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

```
.border{ border-color:rgb(255, 71, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2502, 29.2693, 48.7946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 185) }
```

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

```
.background{ background-color: rgb(255, 71,  
185) }
```

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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