

Converting Colors

XYZ(52.9473, 28.8544, 54.6039)

Have a look what the booklet for
XYZ(52.9473, 28.8544, 54.6039)
contains.

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Color

**XYZ(52.9237, 28.8669,
54.4122)**

Conversions

Conversions Part 1

Format	Color
Hex	FF40C3
RGB	255, 64, 195
RGB Percent	100%, 25%, 76%
CMY	0.0000, 0.7490, 0.2353
CMYK	0.00, 0.75, 0.24, 0.00
HSL	319°, 100%, 63%
HSV	319°, 75%, 100%
XYZ	52.9237, 28.8669, 54.4122
YIQ	136.0430, 71.7850, 81.2330

Conversions

Conversions Part 2

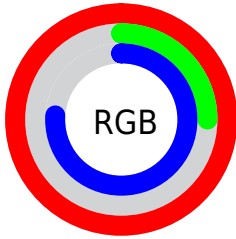
Format	Color
R _Y B	255, 64, 195
Decimal	16728259
CIE Lab	60.66, 80.90, -26.53
CIE LCh	61, 85.138, 341.842
Yxy	28.8669, 0.3886, 0.2119
Android (android.graphics.Color)	4294918339 (0xFFFF40C3)
YUV	136.0430, 29.0658, 104.3253
Hunter-Lab	53.7279, 81.8043, -22.4356

Details

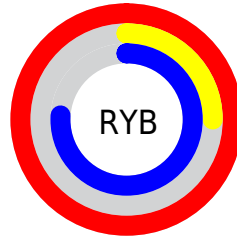
The XYZ color **52.9237, 28.8669, 54.4122** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **41.5140, 74.0659, 31.1808**, and the grayscale version is **23.2957, 24.5089, 26.6902**.

A 20% lighter version of the original color is **66.6609, 43.9888, 97.0727**, and **27.0559, 13.3924, 26.3583** is the 20% darker color. If you saturate the color by 10%, you get **50.9181, 26.2666, 49.3941**, and if you desaturate by 10%, it is **55.6360, 32.8026, 59.9062**.

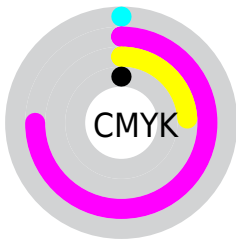
Distribution



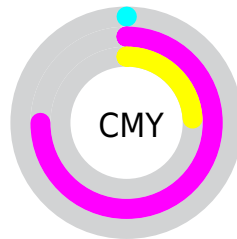
- Red (100%)
- Green (25%)
- Blue (76%)



- Red (100%)
- Yellow (25%)
- Blue (76%)



- Cyan (0%)
- Magenta (75%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9237, 28.8669, 54.4122 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 52.9237, 28.8669, 54.4122 by changing the saturation by 10% instead.


 52.9237, 28.8669,
54.4122


 52.9237, 28.8669,
54.4122

388.2580,
296.5864, 420.8989


 37.9691, 18.9802,
38.5359


 93.6583, 57.8655,
98.1417


 26.1358, 11.6559,
26.0938


 120.1690, 77.7462,
126.8320

 17.0585, 6.5099,
16.6674


 151.2624,
101.7270, 160.6306

 10.3718, 3.1575,
9.8382

 187.3039,
130.1923, 199.9562

 5.7103, 1.2145,
5.1876

 228.6588,
163.5265, 245.2273

 2.7087, 0.0735,
2.2971

275.6926,

 1.0017, 0.0000,

202.1140, 296.8624

0.7296

328.7705,
246.3392, 355.2801

■ 0.0000, 0.0000,
0.0000

■ 52.9237, 28.8669,
54.4122

■ 52.9237, 28.8669,
54.4122

■ 50.9181, 26.2666,
49.3941

■ 55.6360, 32.8026,
59.9062

■ 49.5186, 24.8020,
44.8138

■ 59.1328, 38.2285,
65.9048

■ 48.9671, 24.3509,
42.6205

■ 63.4837, 45.2824,
72.4352

■ 68.7496, 54.0853,
79.5210

■ 74.9860, 64.7467,
87.1841

82.2436, 77.3670,
95.4449

90.5695, 92.0395,
104.3222

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.



44.1544, 28.8669, 101.8628



52.9237, 28.8669, 54.4122



53.8664, 28.8669, 20.5424

Triad

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



52.9237, 28.8669, 54.4122



23.3113, 28.8669, 1.5869



14.4766, 28.8669, 91.8474

Complementary

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



52.9237, 28.8669, 54.4122



41.5140, 74.0659, 31.1808

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.



11.4753, 28.8669, 45.6147



52.9237, 28.8669, 54.4122



15.5825, 28.8669, 4.4232

Square

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



52.9237, 28.8669, 54.4122



34.5909, 28.8669, 1.8355



11.8169, 28.8669, 16.0487



21.3446, 28.8669, 131.6680

Rectangle

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



52.9237, 28.8669, 54.4122



49.6833, 28.8669, 9.0439



11.8169, 28.8669, 16.0487



13.0770, 28.8669, 75.5955

Sweetspot

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



52.9245, 28.8683, 54.4127



76.9815, 68.1973, 89.5151



27.8125, 14.9754, 96.0324



16.0769, 13.9047, 18.6926



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.



52.9245, 28.8683, 54.4127



50.1354, 25.3916, 47.0047



45.4828, 25.8916, 15.2254



18.5355, 18.1975, 21.4372



25.6569, 12.7521, 22.6416



2.5476, 1.2614, 2.4648

Inverse Universe

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



52.9245, 28.8683, 54.4127



50.1354, 25.3916, 47.0047



50.3738, 77.6099, 77.8362



18.5355, 18.1975, 21.4372



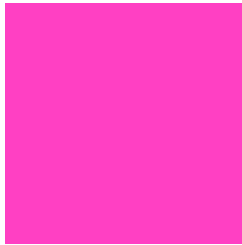
25.6569, 12.7521, 22.6416



2.5476, 1.2614, 2.4648

Previews

White Background



This preview shows how the XYZ color 52.9237, 28.8669, 54.4122 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 52.9237, 28.8669, 54.4122 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 52.9237, 28.8669, 54.4122

Background



This preview shows how black text looks on a background with the XYZ color 52.9237, 28.8669, 54.4122.



This preview shows how white text looks on a background with the XYZ color 52.9237, 28.8669,

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

52.9237, 28.8669, 54.4122

Protanopia

32.6963, 29.3517, 98.5499

Deuteranopia

29.6095, 29.0699, 49.3979



Tritanopia

44.6607, 28.6997, 15.2423

Trichromacy



Original Color

52.9237, 28.8669, 54.4122



Protanomaly

34.0517, 24.7878, 80.0806



Deuteranomaly

34.4992, 25.8374, 50.7458



Tritanomaly

46.8908, 28.2598, 25.9049

Monochromacy



Original Color

52.9237, 28.8669, 54.4122



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

30.2521, 23.1699, 34.7761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9237, 28.8669, 54.4122 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, 64, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 195)  
}
```

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, 64, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.9237, 28.8669, 54.4122 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, 64, 195) }
```


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

```
.border{ border-color:rgb(255, 64, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 64, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9237, 28.8669, 54.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 195) }
```

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

```
.background{ background-color: rgb(255, 64,  
195) }
```

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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