

Converting Colors

XYZ(54.0369, 29.0664, 61.0322)

Have a look what the booklet for
XYZ(54.0369, 29.0664, 61.0322)
contains.

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Color

**XYZ(54.0493, 29.0537,
61.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3DCE
RGB	255, 61, 206
RGB Percent	100%, 24%, 81%
CMY	0.0000, 0.7607, 0.1922
CMYK	0.00, 0.76, 0.19, 0.00
HSL	315°, 100%, 62%
HSV	315°, 76%, 100%
XYZ	54.0493, 29.0537, 61.1517
YIQ	135.5360, 69.0790, 86.2230

Conversions

Conversions Part 2

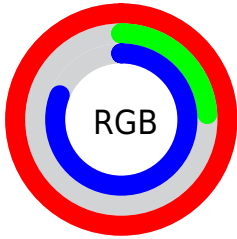
Format	Color
R _Y B	255, 61, 206
Decimal	16727502
CIE Lab	60.83, 83.08, -32.55
CIE LCh	61, 89.230, 338.607
Yxy	29.0537, 0.3747, 0.2014
Android (android.graphics.Color)	4294917582 (0xFFFF3DCE)
YUV	135.5360, 34.7388, 104.7699
Hunter-Lab	53.9015, 84.6619, -29.5340

Details

The XYZ color **54.0493, 29.0537, 61.1517** 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 **40.5004, 73.6385, 26.8343**, and the grayscale version is **23.0872, 24.2896, 26.4513**.

A 20% lighter version of the original color is **66.8794, 43.6587, 99.5098**, and **27.8340, 13.7037, 30.4562** is the 20% darker color. If you saturate the color by 10%, you get **52.2301, 26.6420, 56.7635**, and if you desaturate by 10%, it is **56.5483, 32.7735, 65.9252**.

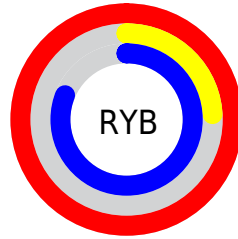
Distribution



Red (100%)

Green (24%)

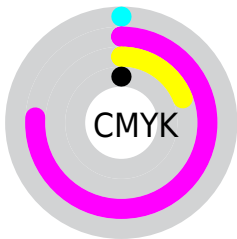
Blue (81%)



Red (100%)

Yellow (24%)

Blue (81%)

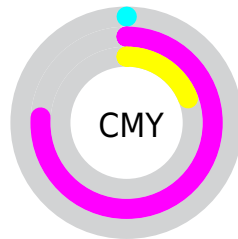


Cyan (0%)

Magenta (76%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0493, 29.0537, 61.1517 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 54.0493, 29.0537, 61.1517 by changing the saturation by 10% instead.


 54.0493, 29.0537,
61.1517


 54.0493, 29.0537,
61.1517

392.4933,
297.4682, 446.7520


 38.8719, 19.1214,
43.9163

 95.3031, 58.1624,
108.0582


 26.8404, 11.7581,
30.2680


 122.1102, 78.1076,
138.5664


 17.5893, 6.5792,
19.7883


 153.5246,
102.1593, 174.3359

 10.7535, 3.2003,
12.0587

 189.9116,
130.7018, 215.7852

 5.9674, 1.2372,
6.6606

 231.6367,
164.1196, 263.3329

 2.8657, 0.0918,
3.1756

279.0650,

 1.0832, 0.0000,

202.7970, 317.3976

1.1850

332.5621,
247.1184, 378.3978

■ 0.0110, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0493, 29.0537,
61.1517

■ 54.0493, 29.0537,
61.1517

■ 52.2301, 26.6420,
56.7635

■ 56.5483, 32.7735,
65.9252

■ 50.9875, 25.3329,
52.7237

■ 59.8063, 37.9594,
71.1116

■ 50.5988, 25.0035,
51.2128

■ 63.8935, 44.7513,
76.7362

■ 68.8715, 53.2716,
82.8214

74.7958, 63.6309,
89.3874

81.7173, 75.9304,
96.4529

89.6832, 90.2640,
104.0354

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.



44.0163, 29.0537, 112.5018



54.0493, 29.0537, 61.1517



56.0874, 29.0537, 22.9989

Triad

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



54.0493, 29.0537, 61.1517



24.4068, 29.0537, 1.1784



13.5863, 29.0537, 90.6410

Complementary

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



54.0493, 29.0537, 61.1517



40.5004, 73.6385, 26.8343

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.



10.9017, 29.0537, 42.1993



54.0493, 29.0537, 61.1517



15.8967, 29.0537, 3.3606

Square

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



54.0493, 29.0537, 61.1517



36.5832, 29.0537, 1.6389



11.6088, 29.0537, 13.5763



20.2466, 29.0537, 136.2984

Rectangle

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



54.0493, 29.0537, 61.1517



52.2130, 29.0537, 9.8362



11.6088, 29.0537, 13.5763



12.2879, 29.0537, 73.1779

Sweetspot

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



54.0500, 29.0551, 61.1522



76.8147, 67.2002, 91.5050



26.0889, 13.8424, 95.9046



15.9357, 13.4897, 19.0541



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.



54.0500, 29.0551, 61.1522



51.5532, 25.8739, 54.7323



45.6972, 25.7139, 17.1669



18.5851, 18.2174, 21.6983



26.5023, 13.0902, 27.0934



2.6244, 1.2921, 2.8694

Inverse Universe

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



54.0500, 29.0551, 61.1522



51.5532, 25.8739, 54.7323



48.8870, 76.9932, 70.9980



18.5851, 18.2174, 21.6983



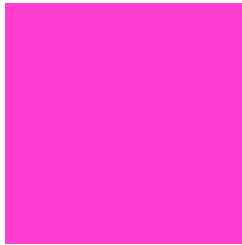
26.5023, 13.0902, 27.0934



2.6244, 1.2921, 2.8694

Previews

White Background



This preview shows how the XYZ color 54.0493, 29.0537, 61.1517 looks on a white background.

Color Contrast Check

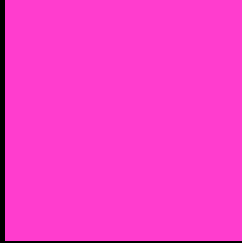
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.0493, 29.0537, 61.1517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

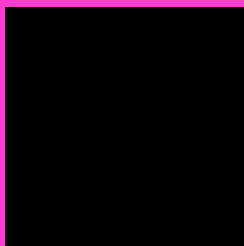
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.0493, 29.0537, 61.1517

Background



This preview shows how black text looks on a background with the XYZ color 54.0493, 29.0537, 61.1517.



This preview shows how white text looks on a background with the XYZ color 54.0493, 29.0537,

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

54.0493, 29.0537, 61.1517

Protanopia

32.8471, 29.6533, 98.6002

Deuteranopia

29.9674, 29.3418, 55.7138



Tritanopia

44.5872, 28.9179, 15.8021

Trichromacy



Original Color

54.0493, 29.0537, 61.1517



Protanomaly

34.6298, 25.0191, 83.1247



Deuteranomaly

34.9165, 25.7419, 57.1612



Tritanomaly

46.8938, 28.2197, 27.7863

Monochromacy



Original Color

54.0493, 29.0537, 61.1517



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

30.4921, 23.0942, 36.5687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0493, 29.0537, 61.1517 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, 61, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 206)  
}
```

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, 61, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 206) }
```

Border

The CSS property to change the border of an element to XYZ 54.0493, 29.0537, 61.1517 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, 61, 206) }
```


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

```
.border{ border-color:rgb(255, 61, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 61, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0493, 29.0537, 61.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 206) }
```

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

```
.background{ background-color: rgb(255, 61,  
206) }
```

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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