

Converting Colors

XYZ(54.4583, 30.1969, 60.2857)

Have a look what the booklet for
XYZ(54.4583, 30.1969, 60.2857)
contains.

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Color

**XYZ(54.3923, 30.1261,
60.0749)**

Conversions

Conversions Part 1

Format	Color
Hex	FF47CC
RGB	255, 71, 204
RGB Percent	100%, 28%, 80%
CMY	0.0000, 0.7215, 0.2000
CMYK	0.00, 0.72, 0.20, 0.00
HSL	317°, 100%, 64%
HSV	317°, 72%, 100%
XYZ	54.3923, 30.1261, 60.0749
YIQ	141.1780, 66.9710, 80.3710

Conversions

Conversions Part 2

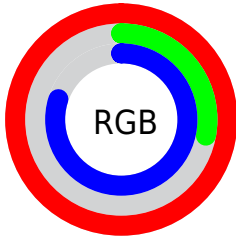
Format	Color
R _Y B	255, 71, 204
Decimal	16730060
CIE Lab	61.76, 79.93, -29.96
CIE LCh	62, 85.363, 339.451
Yxy	30.1261, 0.3762, 0.2084
Android (android.graphics.Color)	4294920140 (0xFFFF47CC)
YUV	141.1780, 30.9712, 99.8219
Hunter-Lab	54.8872, 80.8377, -26.4727

Details

The XYZ color **54.3923, 30.1261, 60.0749** 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 **41.8728, 74.2654, 30.5435**, and the grayscale version is **25.2531, 26.5682, 28.9328**.

A 20% lighter version of the original color is **67.8151, 45.5302, 99.8217**, and **27.6729, 13.6393, 29.6079** is the 20% darker color. If you saturate the color by 10%, you get **52.2683, 27.2041, 55.2787**, and if you desaturate by 10%, it is **57.2361, 34.4259, 65.3014**.

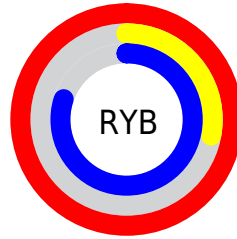
Distribution



Red (100%)

Green (28%)

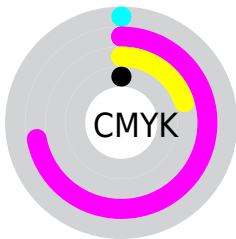
Blue (80%)



Red (100%)

Yellow (28%)

Blue (80%)

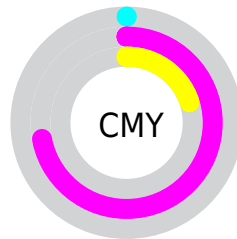


Cyan (0%)

Magenta (72%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3923, 30.1261, 60.0749 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 54.3923, 30.1261, 60.0749 by changing the saturation by 10% instead.

 54.3923, 30.1261,
60.0749


 54.3923, 30.1261,
60.0749


393.7782,
302.4918, 442.6861


 39.1473, 19.9343,
43.0533

 95.8035, 59.8615,
106.4827


 27.0556, 12.3473,
29.5952


 122.7005, 80.1740,
136.7061

 17.7518, 6.9807,
19.2821


 154.2121,
104.6288, 172.1671

 10.8705, 3.4500,
11.6954

 190.7038,
133.6103, 213.2843

 6.0465, 1.3709,
6.4166

232.5409,
167.5030, 260.4763

 2.9143, 0.1952,
3.0272

280.0888,

 1.1086, 0.0000,

206.6912, 314.1616

1.1085

333.7127,
251.5593, 374.7586

■ 0.0323, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3923, 30.1261,
60.0749

■ 54.3923, 30.1261,
60.0749

■ 52.2683, 27.2041,
55.2787

■ 57.2361, 34.4259,
65.3014

■ 50.7697, 25.4725,
50.8781

■ 60.8737, 40.2509,
70.9846

■ 49.9250, 24.7340,
47.6647

■ 65.3720, 47.7342,
77.1493

■ 70.7901, 56.9931,
83.8176

77.1816, 68.1344,
91.0098

84.5962, 81.2562,
98.7446

93.0798, 96.4500,
107.0396

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.



44.9059, 30.1261, 108.8636



54.3923, 30.1261, 60.0749



56.0892, 30.1261, 23.5521

Triad

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



54.3923, 30.1261, 60.0749



25.1897, 30.1261, 1.6881



14.8455, 30.1261, 90.8921

Complementary

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



54.3923, 30.1261, 60.0749



41.8728, 74.2654, 30.5435

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.



12.0213, 30.1261, 44.2035



54.3923, 30.1261, 60.0749



16.8611, 30.1261, 4.3098

Square

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



54.3923, 30.1261, 60.0749



37.0198, 30.1261, 2.1602



12.6457, 30.1261, 15.3590



21.6210, 30.1261, 133.3963

Rectangle

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



54.3923, 30.1261, 60.0749



52.2207, 30.1261, 10.6337



12.6457, 30.1261, 15.3590



13.4963, 30.1261, 74.2579

Sweetspot

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



54.3931, 30.1275, 60.0754



77.2870, 68.3195, 91.1237



28.0600, 15.7263, 96.1643



16.1495, 13.9337, 19.0750



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.



54.3931, 30.1275, 60.0754



51.4702, 26.2289, 53.0984



46.5279, 26.9814, 18.6578



18.5653, 18.2094, 21.5937



26.1535, 12.9507, 25.2565



2.5928, 1.2795, 2.7033

Inverse Universe

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



54.3931, 30.1275, 60.0754



51.4702, 26.2289, 53.0984



50.2517, 77.6170, 74.6662



18.5653, 18.2094, 21.5937



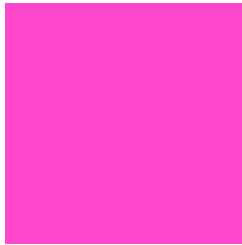
26.1535, 12.9507, 25.2565



2.5928, 1.2795, 2.7033

Previews

White Background



This preview shows how the XYZ color 54.3923, 30.1261, 60.0749 looks on a white background.

Color Contrast Check

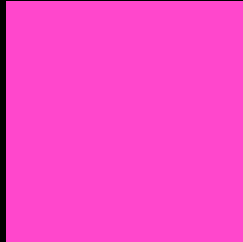
Large Text (above 18pt) WCAG AA × Fail

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 54.3923, 30.1261, 60.0749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

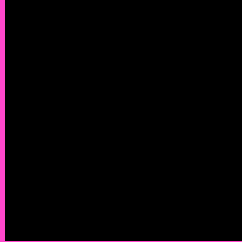
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3923, 30.1261, 60.0749

Background



This preview shows how black text looks on a background with the XYZ color 54.3923, 30.1261, 60.0749.



This preview shows how white text looks on a background with the XYZ color 54.3923, 30.1261,

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

54.3923, 30.1261, 60.0749

Protanopia

33.8084, 30.6025, 98.7327

Deuteranopia

30.8746, 30.2931, 54.6720



Tritanopia

45.3136, 29.9617, 17.3048

Trichromacy



Original Color

54.3923, 30.1261, 60.0749



Protanomaly

35.8377, 26.5189, 82.5867



Deuteranomaly

35.9663, 27.1700, 56.1720



Tritanomaly

47.6056, 29.4051, 28.7578

Monochromacy



Original Color

54.3923, 30.1261, 60.0749



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

32.2376, 25.1162, 38.2708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3923, 30.1261, 60.0749 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.3923, 30.1261, 60.0749 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, 204) }
```


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

```
.border{ border-color:rgb(255, 71, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3923, 30.1261, 60.0749 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, 204) }
```

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

```
.background{ background-color: rgb(255, 71,  
204) }
```

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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