

Converting Colors

XYZ(54.2590, 30.1136, 59.2470)

Have a look what the booklet for
XYZ(54.2590, 30.1136, 59.2470)
contains.

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Color

**XYZ(54.2727, 30.0783,
59.4451)**

Conversions

Conversions Part 1

Format	Color
Hex	FF47CB
RGB	255, 71, 203
RGB Percent	100%, 28%, 80%
CMY	0.0000, 0.7215, 0.2039
CMYK	0.00, 0.72, 0.20, 0.00
HSL	317°, 100%, 64%
HSV	317°, 72%, 100%
XYZ	54.2727, 30.0783, 59.4451
YIQ	141.0640, 67.2920, 80.0600

Conversions

Conversions Part 2

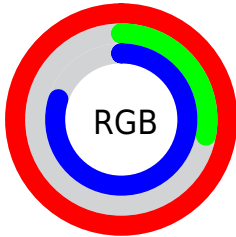
Format	Color
R_{YB}	255, 71, 203
Decimal	16730059
CIE _{Lab}	61.72, 79.80, -29.46
CIE _{LCh}	62, 85.068, 339.739
Yxy	30.0783, 0.3774, 0.2092
Android (android.graphics.Color)	4294920139 (0xFFFF47CB)
YUV	141.0640, 30.5344, 99.9219
Hunter-Lab	54.8437, 80.6652, -25.8739

Details

The XYZ color **54.2727, 30.0783, 59.4451** 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 **41.9352, 74.2904, 30.8717**, and the grayscale version is **25.2101, 26.5230, 28.8836**.

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 **52.1383, 27.1522, 54.5943**, and if you desaturate by 10%, it is **57.1284, 34.3829, 64.7339**.

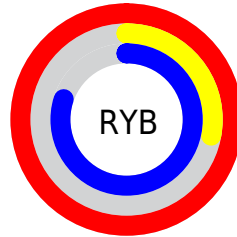
Distribution



Red (100%)

Green (28%)

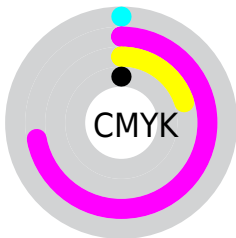
Blue (80%)



Red (100%)

Yellow (28%)

Blue (80%)

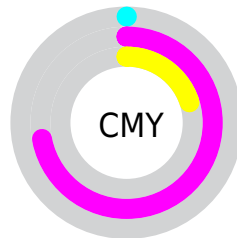


Cyan (0%)

Magenta (72%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2727, 30.0783, 59.4451 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 54.2727, 30.0783, 59.4451 by changing the saturation by 10% instead.


 54.2727, 30.0783,
59.4451

 54.2727, 30.0783,
59.4451

393.3305,
302.2693, 440.2971


 39.0513, 19.8980,
42.5492

 95.6291, 59.7860,
105.5598


 26.9805, 12.3209,
29.2028


 122.4947, 80.0822,
135.6156

 17.6951, 6.9626,
18.9874


 153.9725,
104.5191, 170.8951

 10.8297, 3.4387,
11.4844

 190.4277,
133.4813, 211.8168

 6.0189, 1.3649,
6.2754

232.2258,
167.3529, 258.7994

 2.8973, 0.1906,
2.9418

279.7320,

 1.0997, 0.0000,

206.5186, 312.2613

1.0650

333.3118,
251.3625, 372.6210

■ 0.0249, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2727, 30.0783,
59.4451

■ 54.2727, 30.0783,
59.4451

■ 52.1383, 27.1522,
54.5943

■ 57.1284, 34.3829,
64.7339

■ 50.6308, 25.4169,
50.1466

■ 60.7793, 40.2132,
70.4870

■ 49.7801, 24.6760,
46.9013

■ 65.2924, 47.7024,
76.7297

■ 70.7268, 56.9679,
83.4842

77.1363, 68.1164,
90.7707

84.5704, 81.2461,
98.6083

93.0752, 96.4484,
107.0146

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.



44.8937, 30.0783, 107.9334



54.2727, 30.0783, 59.4451



55.8729, 30.0783, 23.2917

Triad

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



54.2727, 30.0783, 59.4451



25.0604, 30.0783, 1.7178



14.8990, 30.0783, 90.9951

Complementary

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



54.2727, 30.0783, 59.4451



41.9352, 74.2904, 30.8717

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.



12.0478, 30.0783, 44.4747



54.2727, 30.0783, 59.4451



16.8036, 30.0783, 4.3917

Square

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



54.2727, 30.0783, 59.4451



36.8128, 30.0783, 2.1669



12.6382, 30.0783, 15.5515



21.6906, 30.0783, 133.0263

Rectangle

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



54.2727, 30.0783, 59.4451



51.9742, 30.0783, 10.5309



12.6382, 30.0783, 15.5515



13.5415, 30.0783, 74.4553

Sweetspot

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



54.2735, 30.0797, 59.4456



77.2418, 68.3014, 90.8860



28.0601, 15.7264, 96.1643



16.1388, 13.9294, 19.0184



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.



54.2735, 30.0797, 59.4456



51.3357, 26.1751, 52.3902



46.5279, 26.9815, 18.6580



18.5609, 18.2077, 21.5707



26.0784, 12.9206, 24.8610



2.5860, 1.2768, 2.6674

Inverse Universe

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



54.2735, 30.0797, 59.4456



51.3357, 26.1751, 52.3902



50.2518, 77.6170, 74.6662



18.5609, 18.2077, 21.5707



26.0784, 12.9206, 24.8610



2.5860, 1.2768, 2.6674

Previews

White Background



This preview shows how the XYZ color 54.2727, 30.0783, 59.4451 looks on a white background.

Color Contrast Check

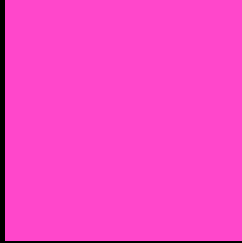
Large Text (above 18pt) WCAG AA × Fail

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 54.2727, 30.0783, 59.4451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

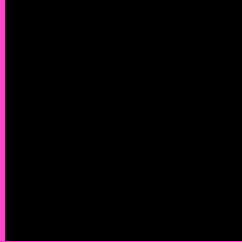
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2727, 30.0783, 59.4451

Background



This preview shows how black text looks on a background with the XYZ color 54.2727, 30.0783, 59.4451.



This preview shows how white text looks on a background with the XYZ color 54.2727, 30.0783,

59.4451.

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

54.2727, 30.0783, 59.4451

Protanopia

33.8084, 30.6025, 98.7327

Deuteranopia

30.9327, 30.3359, 54.0943



Tritanopia

45.5688, 29.9500, 17.2891

Trichromacy



Original Color

54.2727, 30.0783, 59.4451



Protanomaly

35.8377, 26.5189, 82.5867



Deuteranomaly

35.8520, 27.1243, 55.5704



Tritanomaly

47.8792, 29.4217, 28.7466

Monochromacy



Original Color

54.2727, 30.0783, 59.4451



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 54.2727, 30.0783, 59.4451 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.2727, 30.0783, 59.4451 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, 203) }
```


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

```
.border{ border-color:rgb(255, 71, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2727, 30.0783, 59.4451 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, 203) }
```

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

```
.background{ background-color: rgb(255, 71,  
203) }
```

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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