

Converting Colors

XYZ(54.4262, 30.4697, 59.2355)

Have a look what the booklet for
XYZ(54.4262, 30.4697, 59.2355)
contains.

XYZ(54.4683, 30.4694, 59.5103)	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(54.4683, 30.4694,
59.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4ACB
RGB	255, 74, 203
RGB Percent	100%, 29%, 80%
CMY	0.0000, 0.7098, 0.2039
CMYK	0.00, 0.71, 0.20, 0.00
HSL	317°, 100%, 65%
HSV	317°, 71%, 100%
XYZ	54.4683, 30.4694, 59.5103
YIQ	142.8250, 66.4670, 78.4910

Conversions

Conversions Part 2

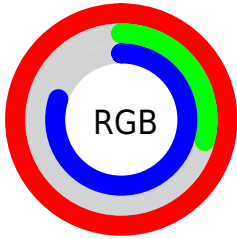
Format	Color
RYB	255, 74, 203
Decimal	16730827
CIELab	62.06, 78.86, -28.94
CIELCh	62, 83.999, 339.847
Yxy	30.4694, 0.3771, 0.2109
Android (android.graphics.Color)	4294920907 (0xFFFF4ACB)
YUV	142.8250, 29.6663, 98.3775
Hunter-Lab	55.1991, 79.5384, -25.2814

Details

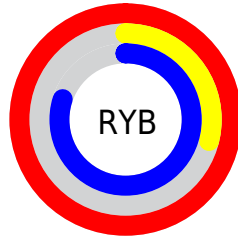
The XYZ color **54.4683, 30.4694, 59.5103** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42.3514, 74.4829, 31.8867**, and the grayscale version is **25.9076, 27.2568, 29.6827**.

A 20% lighter version of the original color is **68.0942, 46.0883, 99.9147**, and **27.6729, 13.6393, 29.6079** is the 20% darker color. If you saturate the color by 10%, you get **52.2447, 27.3866, 54.5629**, and if you desaturate by 10%, it is **57.4240, 34.9502, 64.9060**.

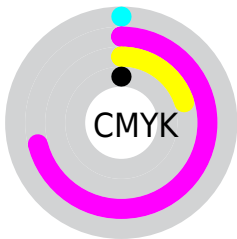
Distribution



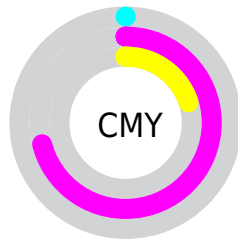
- Red (100%)
- Green (29%)
- Blue (80%)



- Red (100%)
- Yellow (29%)
- Blue (80%)



- Cyan (0%)
- Magenta (71%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4683, 30.4694, 59.5103 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 54.4683, 30.4694, 59.5103 by changing the saturation by 10% instead.


 54.4683, 30.4694,
59.5103


 54.4683, 30.4694,
59.5103

394.0625,
304.0863, 440.5448


 39.2083, 20.1951,
42.6013

 95.9144, 60.4037,
105.6554


 27.1033, 12.5370,
29.2434


 122.8312, 80.8326,
135.7286

 17.7878, 7.1105,
19.0178


 154.3643,
105.4151, 171.0269

 10.8965, 3.5313,
11.5062

 190.8792,
134.5357, 211.9689

 6.0641, 1.4150,
6.2900

232.7411,
168.5787, 258.9732

 2.9251, 0.2277,
2.9506

280.3154,

 1.1143, 0.0000,

207.9285, 312.4582

1.0695

333.9674,
252.9696, 372.8426

■ 0.0370, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4683, 30.4694,
59.5103

■ 54.4683, 30.4694,
59.5103

■ 52.2447, 27.3866,
54.5629

■ 57.4240, 34.9502,
64.9060

■ 50.6613, 25.5191,
50.0293

■ 61.1845, 40.9738,
70.7759

■ 49.6563, 24.6265,
46.2496

■ 65.8159, 48.6712,
77.1451

■ 71.3764, 58.1585,
84.0357

77.9195, 69.5413,
91.4679

85.4941, 82.9169,
99.4607

94.1461, 98.3761,
108.0317

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.



45.2001, 30.4694, 107.3745



54.4683, 30.4694, 59.5103



56.0193, 30.4694, 23.6459

Triad

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



54.4683, 30.4694, 59.5103



25.4069, 30.4694, 1.8939



15.2952, 30.4694, 91.0191

Complementary

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



54.4683, 30.4694, 59.5103



42.3514, 74.4829, 31.8867

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.



12.4150, 30.4694, 44.9741



54.4683, 30.4694, 59.5103



17.1668, 30.4694, 4.6865

Square

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



54.4683, 30.4694, 59.5103



37.0945, 30.4694, 2.3552



12.9972, 30.4694, 16.0462



22.1116, 30.4694, 132.3374

Rectangle

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



54.4683, 30.4694, 59.5103



52.1418, 30.4694, 10.8687



12.9972, 30.4694, 16.0462



13.9266, 30.4694, 74.6906

Sweetspot

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



54.4691, 30.4708, 59.5108



77.9027, 69.5118, 91.4495



28.9995, 16.5009, 96.2643



16.2662, 14.1641, 19.1229



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.



54.4691, 30.4708, 59.5108



51.5362, 26.5003, 52.6909



46.6828, 27.3563, 18.5092



18.5571, 18.2062, 21.5508



26.0143, 12.8950, 24.5233



2.5802, 1.2744, 2.6367

Inverse Universe

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



54.4691, 30.4708, 59.5108



51.5362, 26.5003, 52.6909



50.9518, 77.9231, 77.1758



18.5571, 18.2062, 21.5508



26.0143, 12.8950, 24.5233



2.5802, 1.2744, 2.6367

Previews

White Background



This preview shows how the XYZ color 54.4683, 30.4694, 59.5103 looks on a white background.

Color Contrast Check

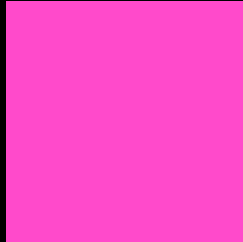
Large Text (above 18pt) WCAG AA × Fail

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 54.4683, 30.4694, 59.5103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

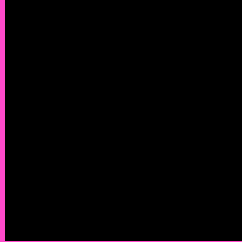
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4683, 30.4694, 59.5103

Background



This preview shows how black text looks on a background with the XYZ color 54.4683, 30.4694, 59.5103.



This preview shows how white text looks on a background with the XYZ color 54.4683, 30.4694,

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

54.4683, 30.4694, 59.5103

Protanopia

34.1926, 31.0305, 98.7951

Deuteranopia

31.2147, 30.4685, 54.6879



Tritanopia

45.8695, 30.3810, 17.9145

Trichromacy



Original Color

54.4683, 30.4694, 59.5103



Protanomaly

36.1549, 26.8600, 82.6358



Deuteranomaly

36.3230, 27.5314, 56.2230



Tritanomaly

48.2094, 29.9615, 29.2288

Monochromacy



Original Color

54.4683, 30.4694, 59.5103



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

33.0371, 25.8638, 38.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4683, 30.4694, 59.5103 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, 74, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 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, 74, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.4683, 30.4694, 59.5103 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, 74, 203) }
```


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

```
.border{ border-color:rgb(255, 74, 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, 74, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4683, 30.4694, 59.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 203) }
```

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

```
.background{ background-color: rgb(255, 74,  
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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