

Converting Colors

XYZ(120.8795, 64.9152,
61.2065)

Have a look what the booklet for
XYZ(120.8795, 64.9152, 61.2065)
contains.

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Color

**XYZ(54.3671, 30.6459,
58.3081)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4CC9
RGB	255, 76, 201
RGB Percent	100%, 30%, 79%
CMY	0.0000, 0.7019, 0.2118
CMYK	0.00, 0.70, 0.21, 0.00
HSL	318°, 100%, 65%
HSV	318°, 70%, 100%
XYZ	54.3671, 30.6459, 58.3081
YIQ	143.7710, 66.5590, 76.8230

Conversions

Conversions Part 2

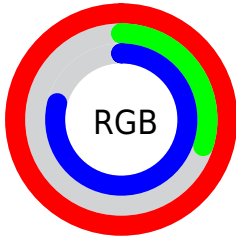
Format	Color
R_{YB}	255, 76, 201
Decimal	16731337
CIE _{Lab}	62.21, 77.95, -27.57
CIE _{LCh}	62, 82.683, 340.521
Yxy	30.6459, 0.3793, 0.2138
Android (android.graphics.Color)	4294921417 (0xFFFF4CC9)
YUV	143.7710, 28.2139, 97.5478
Hunter-Lab	55.3587, 78.4247, -23.6977

Details

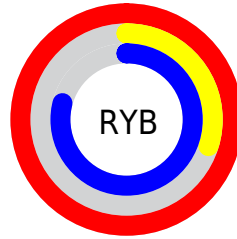
The XYZ color **54.3671, 30.6459, 58.3081** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42.7712, 74.6689, 33.2807**, and the grayscale version is **26.2904, 27.6595, 30.1212**.

A 20% lighter version of the original color is **68.3785, 46.6570, 100.0095**, and **27.5146, 13.5759, 28.7740** is the 20% darker color. If you saturate the color by 10%, you get **52.0625, 27.4490, 53.1862**, and if you desaturate by 10%, it is **57.4140, 35.2550, 63.9017**.

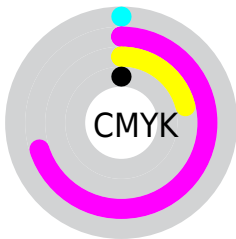
Distribution



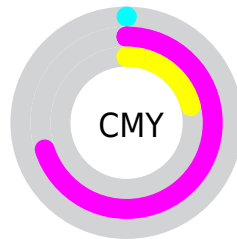
- Red (100%)
- Green (30%)
- Blue (79%)



- Red (100%)
- Yellow (30%)
- Blue (79%)



- Cyan (0%)
- Magenta (70%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3671, 30.6459, 58.3081 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 54.3671, 30.6459, 58.3081 by changing the saturation by 10% instead.


 54.3671, 30.6459,
58.3081


 54.3671, 30.6459,
58.3081

393.6839,
304.9037, 435.9633


 39.1271, 20.3294,
41.6401

 95.7668, 60.6821,
103.8906


 27.0398, 12.6347,
28.4961


 122.6571, 81.1706,
133.6421

 17.7398, 7.1775,
18.4577


 154.1616,
105.8186, 168.5919

 10.8619, 3.5733,
11.1062

 190.6457,
135.0103, 209.1584

 6.0407, 1.4379,
6.0233

232.4745,
169.1303, 255.7603

 2.9107, 0.2444,
2.7902

280.0136,

 1.1067, 0.0000,

208.5630, 308.8161

0.9885

333.6283,
253.6926, 368.7442

■ 0.0307, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3671, 30.6459,
58.3081

■ 54.3671, 30.6459,
58.3081

■ 52.0625, 27.4490,
53.1862

■ 57.4140, 35.2550,
63.9017

■ 50.4098, 25.4845,
48.5018

■ 61.2754, 41.4192,
69.9933

■ 49.2828, 24.4771,
44.2829

■ 66.0165, 49.2685,
76.6080

■ 71.6956, 58.9180,
83.7684

■ 78.3655, 70.4727,
91.4950

■ 86.0751, 84.0293,
99.8070

94.8700, 99.6781,
108.7226

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.



45.3908, 30.6459, 105.1598



54.3671, 30.6459, 58.3081



55.6912, 30.6459, 23.3682

Triad

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



54.3671, 30.6459, 58.3081



25.3871, 30.6459, 2.0897



15.6841, 30.6459, 91.2496

Complementary

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



54.3671, 30.6459, 58.3081



42.7712, 74.6689, 33.2807

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.



12.7284, 30.6459, 45.8780



54.3671, 30.6459, 58.3081



17.3037, 30.6459, 5.0774

Square

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



54.3671, 30.6459, 58.3081



36.8758, 30.6459, 2.5060



13.2339, 30.6459, 16.7992



22.5494, 30.6459, 131.1386

Rectangle

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



54.3671, 30.6459, 58.3081



51.7675, 30.6459, 10.8947



13.2339, 30.6459, 16.7992



14.2909, 30.6459, 75.2571

Sweetspot

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



54.3678, 30.6473, 58.3086



77.7887, 69.4662, 90.8494



29.7961, 17.1129, 96.3404



16.2389, 14.1532, 18.9793



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.



54.3678, 30.6473, 58.3086



51.3617, 26.5663, 51.3528



46.7391, 27.5958, 18.1363



18.5455, 18.2015, 21.4899



25.8207, 12.8176, 23.5038



2.5625, 1.2674, 2.5437

Inverse Universe

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



54.3678, 30.6473, 58.3086



51.3617, 26.5663, 51.3528



51.5541, 78.1820, 79.5308



18.5455, 18.2015, 21.4899



25.8207, 12.8176, 23.5038



2.5625, 1.2674, 2.5437

Previews

White Background



This preview shows how the XYZ color 54.3671, 30.6459, 58.3081 looks on a white background.

Color Contrast Check

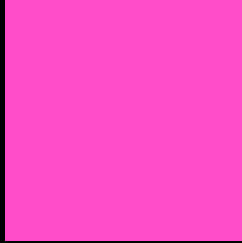
Large Text (above 18pt) WCAG AA × Fail

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 54.3671, 30.6459, 58.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

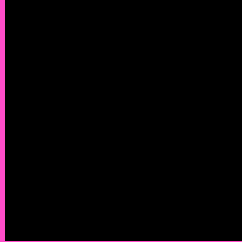
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3671, 30.6459, 58.3081

Background



This preview shows how black text looks on a background with the XYZ color 54.3671, 30.6459, 58.3081.



This preview shows how white text looks on a background with the XYZ color 54.3671, 30.6459,

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

54.3671, 30.6459, 58.3081

Protanopia

34.3094, 31.0907, 98.8005

Deuteranopia

31.4955, 30.8707, 53.5889



Tritanopia

45.9683, 30.5788, 17.9475

Trichromacy



Original Color

54.3671, 30.6459, 58.3081



Protanomaly

36.3300, 27.1465, 81.9223



Deuteranomaly

36.5770, 28.0495, 55.1160



Tritanomaly

48.2212, 30.1057, 28.8606

Monochromacy



Original Color

54.3671, 30.6459, 58.3081



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

33.1555, 26.1006, 38.8877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3671, 30.6459, 58.3081 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, 76, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 201)  
}
```

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, 76, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.3671, 30.6459, 58.3081 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, 76, 201) }
```


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

```
.border{ border-color:rgb(255, 76, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3671, 30.6459, 58.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 201) }
```

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

```
.background{ background-color: rgb(255, 76,  
201) }
```

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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