

Converting Colors

XYZ(54.1010, 30.8838, 55.8460)

Have a look what the booklet for
XYZ(54.1010, 30.8838, 55.8460)
contains.

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Color

**XYZ(54.1140, 30.8832,
55.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4FC5
RGB	255, 79, 197
RGB Percent	100%, 31%, 77%
CMY	0.0000, 0.6902, 0.2274
CMYK	0.00, 0.69, 0.23, 0.00
HSL	320°, 100%, 65%
HSV	320°, 69%, 100%
XYZ	54.1140, 30.8832, 55.9322
YIQ	145.0760, 67.0180, 74.0100

Conversions

Conversions Part 2

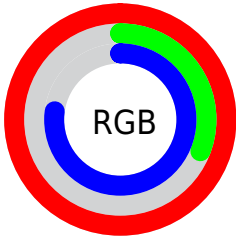
Format	Color
RYB	255, 79, 197
Decimal	16732101
CIELab	62.41, 76.44, -24.99
CIElCh	62, 80.418, 341.897
Yxy	30.8832, 0.3840, 0.2191
Android (android.graphics.Color)	4294922181 (0xFFFF4FC5)
YUV	145.0760, 25.5985, 96.4033
Hunter-Lab	55.5727, 76.5626, -20.7727

Details

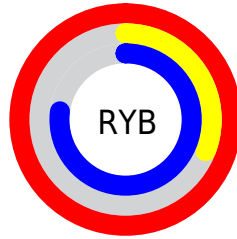
The XYZ color **54.1140, 30.8832, 55.9322** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **43.5014, 74.9891, 35.8523**, and the grayscale version is **26.8265, 28.2236, 30.7355**.

A 20% lighter version of the original color is **68.5075, 47.1719, 99.2603**, and **27.2061, 13.4525, 27.1493** is the 20% darker color. If you saturate the color by 10%, you get **51.6781, 27.5096, 50.5010**, and if you desaturate by 10%, it is **57.3102, 35.6910, 61.8823**.

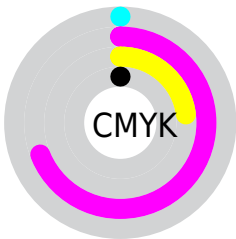
Distribution



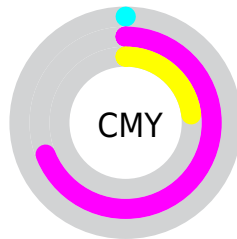
- Red (100%)
- Green (31%)
- Blue (77%)



- Red (100%)
- Yellow (31%)
- Blue (77%)



- Cyan (0%)
- Magenta (69%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1140, 30.8832, 55.9322 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 54.1140, 30.8832, 55.9322 by changing the saturation by 10% instead.


 54.1140, 30.8832,
55.9322


 54.1140, 30.8832,
55.9322


392.7358,
305.9999, 426.8171


 38.9238, 20.5099,
39.7449

 95.3975, 61.0561,
100.3902

 26.8809, 12.7663,
27.0275


 122.2216, 81.6246,
129.4981

 17.6200, 7.2678,
17.3612


 153.6544,
106.3602, 163.7499

 10.7755, 3.6301,
10.3277

 190.0612,
135.6474, 203.5642

 5.9823, 1.4689,
5.5083

231.8073,
169.8706, 249.3595

 2.8749, 0.2667,
2.4846

279.2583,

 1.0879, 0.0000,

209.4141, 301.5544

0.8320

332.7793,
254.6624, 360.5674

■ 0.0150, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1140, 30.8832,
55.9322

■ 54.1140, 30.8832,
55.9322

■ 51.6781, 27.5096,
50.5010

■ 57.3102, 35.6910,
61.8823

■ 49.9134, 25.3942,
45.5539

■ 61.3371, 42.0733,
68.3781

■ 48.6934, 24.2849,
41.0445

■ 66.2597, 50.1582,
75.4455

■ 48.5870, 24.1988,
40.6189

■ 72.1356, 60.0598,
83.1079

■ 79.0173, 71.8819,
91.3865

■ 86.9535, 85.7207,
100.3015

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.



45.6874, 30.8832, 100.9921



54.1140, 30.8832, 55.9322



55.0016, 30.8832, 22.7105

Triad

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



54.1140, 30.8832, 55.9322



25.2423, 30.8832, 2.4544



16.3561, 30.8832, 91.7278

Complementary

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



54.1140, 30.8832, 55.9322



43.5014, 74.9891, 35.8523

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.



13.2534, 30.8832, 47.5768



54.1140, 30.8832, 55.9322



17.4665, 30.8832, 5.8177

Square

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



54.1140, 30.8832, 55.9322



36.3577, 30.8832, 2.7599



13.6020, 30.8832, 18.2142



23.3122, 30.8832, 128.9950

Rectangle

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



54.1140, 30.8832, 55.9322



50.9790, 30.8832, 10.8403



13.6020, 30.8832, 18.2142



14.9157, 30.8832, 76.3462

Sweetspot

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



54.1148, 30.8847, 55.9328



77.5693, 69.3784, 89.6936



30.7967, 17.9429, 96.4479



16.1864, 14.1322, 18.7028



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.



54.1148, 30.8847, 55.9328



50.8998, 26.5266, 48.4738



46.9212, 28.0072, 18.0514



18.5232, 18.1926, 21.3721



25.4596, 12.6732, 21.6028



2.5294, 1.2541, 2.3694

Inverse Universe

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



54.1148, 30.8847, 55.9328



50.8998, 26.5266, 48.4738



52.2689, 78.4962, 82.0214



18.5232, 18.1926, 21.3721



25.4596, 12.6732, 21.6028



2.5294, 1.2541, 2.3694

Previews

White Background



This preview shows how the XYZ color 54.1140, 30.8832, 55.9322 looks on a white background.

Color Contrast Check

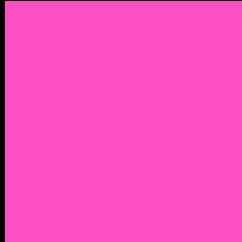
Large Text (above 18pt) WCAG AA × Fail

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 54.1140, 30.8832, 55.9322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

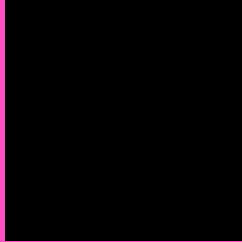
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1140, 30.8832, 55.9322

Background



This preview shows how black text looks on a background with the XYZ color 54.1140, 30.8832, 55.9322.



This preview shows how white text looks on a background with the XYZ color 54.1140, 30.8832,

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

54.1140, 30.8832, 55.9322

Protanopia

34.1519, 31.3331, 94.6904

Deuteranopia

31.5922, 30.9707, 51.3266



Tritanopia

46.0225, 30.6004, 18.2327

Trichromacy



Original Color

54.1140, 30.8832, 55.9322



Protanomaly

36.4071, 27.6168, 79.0130



Deuteranomaly

36.7366, 28.3666, 52.8293



Tritanomaly

48.3095, 30.2824, 28.8901

Monochromacy



Original Color

54.1140, 30.8832, 55.9322



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

33.5458, 26.6694, 38.5016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1140, 30.8832, 55.9322 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, 79, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 197)  
}
```

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, 79, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.1140, 30.8832, 55.9322 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, 79, 197) }
```


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

```
.border{ border-color:rgb(255, 79, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 79, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 79, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 79, 197); box-shadow:4px 4px 4px 4px rgb(255, 79, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1140, 30.8832, 55.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 197) }
```

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

```
.background{ background-color: rgb(255, 79,  
197) }
```

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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