

Converting Colors

XYZ(54.2973, 28.2040, 65.3827)

Have a look what the booklet for
XYZ(54.2973, 28.2040, 65.3827)
contains.

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Color

**XYZ(54.3072, 28.1780,
65.5274)**

Conversions

Conversions Part 1

Format	Color
Hex	FF30D5
RGB	255, 48, 213
RGB Percent	100%, 19%, 84%
CMY	0.0000, 0.8117, 0.1647
CMYK	0.00, 0.81, 0.16, 0.00
HSL	312°, 100%, 59%
HSV	312°, 81%, 100%
XYZ	54.3072, 28.1780, 65.5274
YIQ	128.7030, 70.4070, 95.1990

Conversions

Conversions Part 2

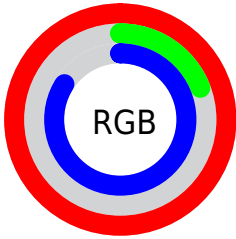
Format	Color
R_{YB}	255, 48, 213
Decimal	16724181
CIE _{Lab}	60.05, 87.10, -37.74
CIE _{LCh}	60, 94.925, 336.575
Yxy	28.1780, 0.3669, 0.1904
Android (android.graphics.Color)	4294914261 (0xFFFF30D5)
YUV	128.7030, 41.5584, 110.7625
Hunter-Lab	53.0830, 89.7216, -36.0315

Details

The XYZ color **54.3072, 28.1780, 65.5274** 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 **38.8257, 72.8872, 21.6985**, and the grayscale version is **20.6075, 21.6807, 23.6103**.

A 20% lighter version of the original color is **65.8868, 41.6737, 99.1789**, and **28.4197, 13.9380, 33.5402** is the 20% darker color. If you saturate the color by 10%, you get **52.9007, 26.3992, 61.8699**, and if you desaturate by 10%, it is **56.3343, 31.1642, 69.4957**.

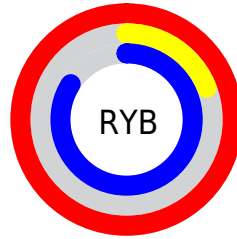
Distribution



Red (100%)

Green (19%)

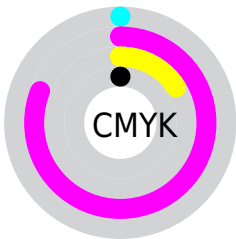
Blue (84%)



Red (100%)

Yellow (19%)

Blue (84%)

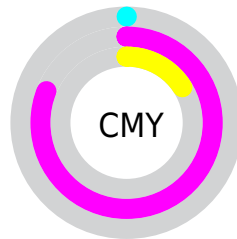


Cyan (0%)

Magenta (81%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3072, 28.1780, 65.5274 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 54.3072, 28.1780, 65.5274 by changing the saturation by 10% instead.


 54.3072, 28.1780,
65.5274


 54.3072, 28.1780,
65.5274


393.4596,
293.3165, 463.0428


 39.0790, 18.4599,
47.4348

 95.6794, 56.7685,
114.4283

 27.0022, 11.2807,
33.0227


 122.5541, 76.4097,
146.0736


 17.7114, 6.2559,
21.8726


 154.0416,
100.1273, 183.0737

 10.8414, 3.0013,
13.5659

 190.5074,
128.3058, 225.8469

 6.0268, 1.1324,
7.6841

 232.3167,
161.3296, 274.8119

 2.9022, 0.0054,
3.8086

279.8349,

 1.1023, 0.0000,

199.5831, 330.3872

1.5209

333.4275,
243.4506, 392.9913

■ 0.0270, 0.0000,
0.2335

■ 0.0000, 0.0000,
0.0000

■ 54.3072, 28.1780,
65.5274

■ 54.3072, 28.1780,
65.5274

■ 52.9007, 26.3992,
61.8699

■ 56.3343, 31.1642,
69.4957

■ 52.0502, 25.5841,
58.8559

■ 59.0697, 35.5331,
73.8042

■ 62.5888, 41.4353,
78.4792

■ 66.9566, 49.0007,
83.5433

72.2315, 58.3453,
89.0167

78.4663, 69.5749,
94.9182

85.7099, 82.7867,
101.2647

94.0078, 98.0715,
108.0723

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.



43.1766, 28.1780, 121.3361



54.3072, 28.1780, 65.5274



57.1835, 28.1780, 23.6660

Triad

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



54.3072, 28.1780, 65.5274



24.2055, 28.1780, 0.6455



12.1056, 28.1780, 89.9793

Complementary

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



54.3072, 28.1780, 65.5274



38.8257, 72.8872, 21.6985

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.



9.6800, 28.1780, 38.9611



54.3072, 28.1780, 65.5274



15.1728, 28.1780, 2.2505

Square

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



54.3072, 28.1780, 65.5274



37.1379, 28.1780, 1.1608



10.6033, 28.1780, 11.0831



18.5566, 28.1780, 141.4351

Rectangle

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



54.3072, 28.1780, 65.5274



53.4458, 28.1780, 9.4830



10.6033, 28.1780, 11.0831



10.8974, 28.1780, 71.1890

Sweetspot

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



54.3079, 28.1793, 65.5279



76.6019, 66.2004, 93.2039



23.2671, 11.4795, 95.5972



15.9177, 13.3077, 19.4982



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.



54.3079, 28.1793, 65.5279



52.3195, 25.8247, 59.8645



45.1181, 24.5034, 17.1351



18.6254, 18.2335, 21.9106



27.2527, 13.3904, 31.0447



2.6916, 1.3190, 3.2233

Inverse Universe

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



54.3079, 28.1793, 65.5279



52.3195, 25.8247, 59.8645



46.5946, 75.9947, 62.6090



18.6254, 18.2335, 21.9106



27.2527, 13.3904, 31.0447



2.6916, 1.3190, 3.2233

Previews

White Background



This preview shows how the XYZ color 54.3072, 28.1780, 65.5274 looks on a white background.

Color Contrast Check

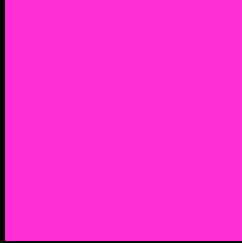
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3072, 28.1780, 65.5274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

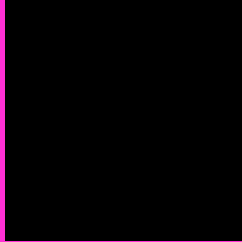
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.3072, 28.1780, 65.5274

Background



This preview shows how black text looks on a background with the XYZ color 54.3072, 28.1780, 65.5274.



This preview shows how white text looks on a background with the XYZ color 54.3072, 28.1780,

65.5274.

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

54.3072, 28.1780, 65.5274

Protanopia

31.8893, 28.4939, 98.4269

Deuteranopia

28.9693, 28.2976, 59.1935



Tritanopia

43.7751, 28.1230, 14.6764

Trichromacy



Original Color

54.3072, 28.1780, 65.5274



Protanomaly

33.7484, 23.3860, 85.1733



Deuteranomaly

33.6156, 24.0171, 60.6216



Tritanomaly

46.4544, 27.3409, 27.6399

Monochromacy



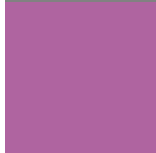
Original Color

54.3072, 28.1780, 65.5274



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

28.5815, 20.7664, 35.7596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3072, 28.1780, 65.5274 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, 48, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 213)  
}
```

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, 48, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 213) }
```

Border

The CSS property to change the border of an element to XYZ 54.3072, 28.1780, 65.5274 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, 48, 213) }
```


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

```
.border{ border-color:rgb(255, 48, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 48, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3072, 28.1780, 65.5274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 213) }
```

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

```
.background{ background-color: rgb(255, 48,  
213) }
```

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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