

Converting Colors

XYZ(53.3278, 29.4854, 55.1316)

Have a look what the booklet for
XYZ(53.3278, 29.4854, 55.1316)
contains.

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Color

**XYZ(53.3319, 29.5018,
55.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	FF45C4
RGB	255, 69, 196
RGB Percent	100%, 27%, 77%
CMY	0.0000, 0.7294, 0.2314
CMYK	0.00, 0.73, 0.23, 0.00
HSL	319°, 100%, 64%
HSV	319°, 73%, 100%
XYZ	53.3319, 29.5018, 55.1081
YIQ	139.0920, 70.0890, 78.9290

Conversions

Conversions Part 2

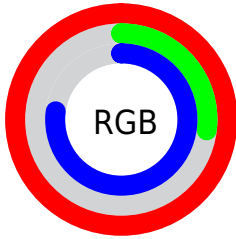
Format	Color
R _Y B	255, 69, 196
Decimal	16729540
CIE _{Lab}	61.22, 79.55, -26.24
CIE _{LCh}	61, 83.765, 341.741
Yxy	29.5018, 0.3866, 0.2139
Android (android.graphics.Color)	4294919620 (0xFFFF45C4)
YUV	139.0920, 28.0556, 101.6513
Hunter-Lab	54.3156, 80.2151, -22.1342

Details

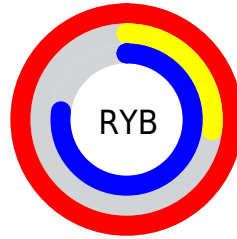
The XYZ color **53.3319, 29.5018, 55.1081** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42.1121, 74.3445, 32.5564**, and the grayscale version is **24.4546, 25.7281, 28.0179**.

A 20% lighter version of the original color is **67.2209, 44.8544, 98.0433**, and **27.1306, 13.4223, 26.7520** is the 20% darker color. If you saturate the color by 10%, you get **51.1902, 26.6522, 49.9733**, and if you desaturate by 10%, it is **56.1982, 33.7207, 60.7299**.

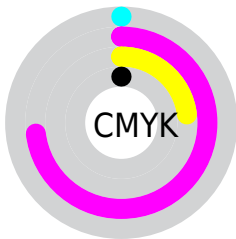
Distribution



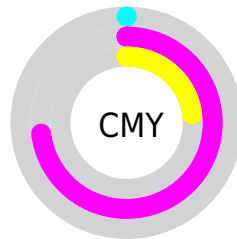
- Red (100%)
- Green (27%)
- Blue (77%)



- Red (100%)
- Yellow (27%)
- Blue (77%)



- Cyan (0%)
- Magenta (73%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3319, 29.5018, 55.1081 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 53.3319, 29.5018, 55.1081 by changing the saturation by 10% instead.


 53.3319, 29.5018,
55.1081


 53.3319, 29.5018,
55.1081

389.7972,
299.5753, 423.6151


 38.2963, 19.4607,
39.0891

 94.2552, 58.8734,
99.1721


 26.3910, 12.0037,
26.5207


 120.8737, 78.9728,
128.0541

 17.2506, 6.7462,
16.9843


 152.0839,
103.1937, 162.0609

 10.5097, 3.3039,
10.0615

 188.2510,
131.9205, 201.6110

 5.8031, 1.2924,
5.3336

229.7406,
165.5377, 247.1229

 2.7652, 0.1353,
2.3822

276.9179,

 1.0309, 0.0000,

204.4296, 299.0152

0.7767

330.1484,
248.9807, 357.7064

■ 0.0000, 0.0000,
0.0000

■ 53.3319, 29.5018,
55.1081

■ 53.3319, 29.5018,
55.1081

■ 51.1902, 26.6522,
49.9733

■ 56.1982, 33.7207,
60.7299

■ 49.6766, 24.9810,
45.2887

■ 59.8642, 39.4583,
66.8667

■ 48.8906, 24.3202,
42.2173

■ 64.3976, 46.8491,
73.5451

■ 69.8584, 56.0116,
80.7884

■ 76.3009, 67.0533,
88.6184

83.7750, 80.0731,
97.0551

92.3274, 95.1630,
106.1174

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.



44.6281, 29.5018, 101.9210



53.3319, 29.5018, 55.1081



54.2938, 29.5018, 21.2969

Triad

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



53.3319, 29.5018, 55.1081



23.9495, 29.5018, 1.8192



15.0250, 29.5018, 91.7554

Complementary

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



53.3319, 29.5018, 55.1081



42.1121, 74.3445, 32.5564

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.



12.0012, 29.5018, 46.1071



53.3319, 29.5018, 55.1081



16.1759, 29.5018, 4.7975

Square

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



53.3319, 29.5018, 55.1081



35.2099, 29.5018, 2.0951



12.3584, 29.5018, 16.6253



21.9171, 29.5018, 130.9497

Rectangle

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



53.3319, 29.5018, 55.1081



50.1720, 29.5018, 9.6187



12.3584, 29.5018, 16.6253



13.6153, 29.5018, 75.7403

Sweetspot

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



53.3327, 29.5033, 55.1086



76.9563, 68.1872, 89.3824



29.0671, 16.0598, 96.1756



16.0709, 13.9023, 18.6611



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.



53.3327, 29.5033, 55.1086



50.3520, 25.6722, 47.5474



45.8226, 26.4992, 15.5606



18.5331, 18.1965, 21.4242



25.6172, 12.7362, 22.4324



2.5439, 1.2599, 2.4456

Inverse Universe

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



53.3327, 29.5033, 55.1086



50.3520, 25.6722, 47.5474



51.2532, 78.0009, 80.6927



18.5331, 18.1965, 21.4242



25.6172, 12.7362, 22.4324



2.5439, 1.2599, 2.4456

Previews

White Background



This preview shows how the XYZ color 53.3319, 29.5018, 55.1081 looks on a white background.

Color Contrast Check

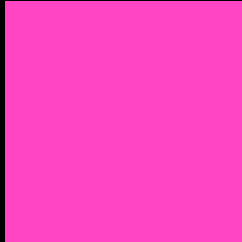
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.3319, 29.5018, 55.1081 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 53.3319, 29.5018, 55.1081

Background



This preview shows how black text looks on a background with the XYZ color 53.3319, 29.5018, 55.1081.



This preview shows how white text looks on a background with the XYZ color 53.3319, 29.5018,

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

53.3319, 29.5018, 55.1081

Protanopia

33.2788, 29.8758, 98.6204

Deuteranopia

30.2100, 29.5932, 50.0188



Tritanopia

45.0806, 29.3028, 16.1120

Trichromacy



Original Color

53.3319, 29.5018, 55.1081



Protanomaly

34.9229, 25.7310, 80.9678



Deuteranomaly

35.3138, 26.5870, 51.4147



Tritanomaly

47.3479, 28.9465, 26.7586

Monochromacy



Original Color

53.3319, 29.5018, 55.1081



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

31.4185, 24.3964, 36.3108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3319, 29.5018, 55.1081 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, 69, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 196)  
}
```

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, 69, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.3319, 29.5018, 55.1081 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, 69, 196) }
```


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

```
.border{ border-color:rgb(255, 69, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3319, 29.5018, 55.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 196) }
```

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

```
.background{ background-color: rgb(255, 69,  
196) }
```

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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