

Converting Colors

XYZ(136.4993, 72.1418,
64.1462)

Have a look what the booklet for
XYZ(136.4993, 72.1418, 64.1462)
contains.

XYZ(54.2062, 29.7539, 60.0128)	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(54.2062, 29.7539,
60.0128)**

Conversions

Conversions Part 1

Format	Color
Hex	FF44CC
RGB	255, 68, 204
RGB Percent	100%, 27%, 80%
CMY	0.0000, 0.7333, 0.2000
CMYK	0.00, 0.73, 0.20, 0.00
HSL	316°, 100%, 63%
HSV	316°, 73%, 100%
XYZ	54.2062, 29.7539, 60.0128
YIQ	139.4170, 67.7960, 81.9400

Conversions

Conversions Part 2

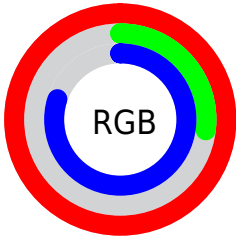
Format	Color
R _Y B	255, 68, 204
Decimal	16729292
CIE _{Lab}	61.44, 80.84, -30.46
CIE _{LCh}	61, 86.392, 339.354
Yxy	29.7539, 0.3765, 0.2067
Android (android.graphics.Color)	4294919372 (0xFFFF44CC)
YUV	139.4170, 31.8394, 101.3663
Hunter-Lab	54.5471, 81.9268, -27.0479

Details

The XYZ color **54.2062, 29.7539, 60.0128** 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 **41.4752, 74.0815, 29.5695**, and the grayscale version is **24.5660, 25.8454, 28.1456**.

A 20% lighter version of the original color is **67.5413, 44.9825, 99.7304**, and **27.6729, 13.6393, 29.6079** is the 20% darker color. If you saturate the color by 10%, you get **52.1695, 26.9858, 55.3098**, and if you desaturate by 10%, it is **56.9517, 33.8797, 65.1364**.

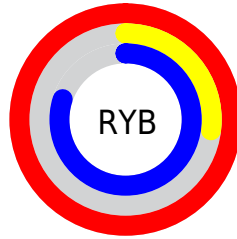
Distribution



Red (100%)

Green (27%)

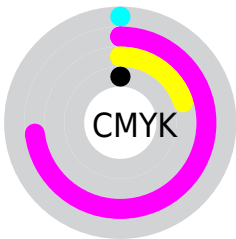
Blue (80%)



Red (100%)

Yellow (27%)

Blue (80%)

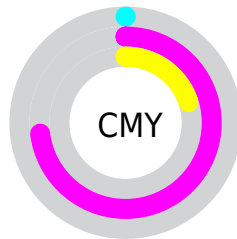


Cyan (0%)

Magenta (73%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2062, 29.7539, 60.0128 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 54.2062, 29.7539, 60.0128 by changing the saturation by 10% instead.

 54.2062, 29.7539,
60.0128

 54.2062, 29.7539,
60.0128


393.0814,
300.7556, 442.4509


 38.9979, 19.6519,
43.0036

 95.5321, 59.2728,
106.3918


 26.9388, 12.1422,
29.5565


 122.3803, 79.4584,
136.5986

 17.6636, 6.8406,
19.2530


 153.8392,
103.7740, 172.0418

 10.8070, 3.3626,
11.6746

 190.2741,
132.6040, 213.1398

 6.0035, 1.3239,
6.4027

232.0505,
166.3328, 260.3112

 2.8879, 0.1596,
3.0187

279.5336,

 1.0948, 0.0000,

205.3447, 313.9744

1.1042

333.0887,
250.0242, 374.5482

■ 0.0207, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2062, 29.7539,
60.0128

■ 54.2062, 29.7539,
60.0128

■ 52.1695, 26.9858,
55.3098

■ 56.9517, 33.8797,
65.1364

■ 50.7448, 25.3829,
50.9920

■ 60.4814, 39.5137,
70.7073

■ 50.0446, 24.7819,
48.2946

■ 64.8631, 46.7907,
76.7506

■ 70.1568, 55.8298,
83.2886

76.4167, 66.7386,
90.3414

83.6926, 79.6163,
97.9280

92.0311, 94.5550,
106.0659

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.



44.6142, 29.7539, 109.4080



54.2062, 29.7539, 60.0128



55.9500, 29.7539, 23.2128

Triad

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



54.2062, 29.7539, 60.0128



24.8592, 29.7539, 1.5314



14.4727, 29.7539, 90.8726

Complementary

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



54.2062, 29.7539, 60.0128



41.4752, 74.0815, 29.5695

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.



11.6762, 29.7539, 43.7310



54.2062, 29.7539, 60.0128



16.5165, 29.7539, 4.0420

Square

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



54.2062, 29.7539, 60.0128



36.7503, 29.7539, 1.9893



12.3072, 29.7539, 14.8979



21.2231, 29.7539, 134.0663

Rectangle

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



54.2062, 29.7539, 60.0128



52.0608, 29.7539, 10.3138



12.3072, 29.7539, 14.8979



13.1343, 29.7539, 74.0357

Sweetspot

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



54.2070, 29.7553, 60.0133



77.3239, 68.3342, 91.3184



27.5721, 15.1985, 96.0881



16.1583, 13.9372, 19.1213



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.



54.2070, 29.7553, 60.0133



51.4344, 26.1051, 53.2472



46.2126, 26.5575, 17.9154



18.5688, 18.2108, 21.6126



26.2154, 12.9755, 25.5827



2.5985, 1.2818, 2.7329

Inverse Universe

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



54.2070, 29.7553, 60.0133



51.4344, 26.1051, 53.2472



49.9490, 77.4711, 74.1919



18.5688, 18.2108, 21.6126



26.2154, 12.9755, 25.5827



2.5985, 1.2818, 2.7329

Previews

White Background



This preview shows how the XYZ color 54.2062, 29.7539, 60.0128 looks on a white background.

Color Contrast Check

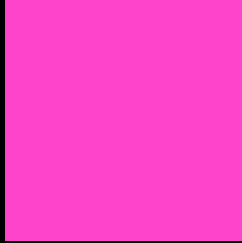
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.2062, 29.7539, 60.0128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

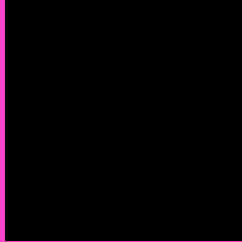
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.2062, 29.7539, 60.0128

Background



This preview shows how black text looks on a background with the XYZ color 54.2062, 29.7539, 60.0128.



This preview shows how white text looks on a background with the XYZ color 54.2062, 29.7539,

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

54.2062, 29.7539, 60.0128

Protanopia

33.4309, 30.1801, 98.6711

Deuteranopia

30.5520, 29.8970, 54.6125



Tritanopia

45.0177, 29.5364, 16.6930

Trichromacy



Original Color

54.2062, 29.7539, 60.0128



Protanomaly

35.2119, 25.8466, 82.4899



Deuteranomaly

35.6125, 26.8118, 56.1215



Tritanomaly

47.3644, 29.0423, 28.3086

Monochromacy



Original Color

54.2062, 29.7539, 60.0128



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

31.5720, 24.2784, 37.6725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2062, 29.7539, 60.0128 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, 68, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 204)  
}
```

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, 68, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.2062, 29.7539, 60.0128 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, 68, 204) }
```


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

```
.border{ border-color:rgb(255, 68, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 68, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2062, 29.7539, 60.0128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 204) }
```

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

```
.background{ background-color: rgb(255, 68,  
204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor