

Converting Colors

XYZ(59.1452, 28.7124, 95.3224)

Have a look what the booklet for
XYZ(59.1452, 28.7124, 95.3224)
contains.

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Color

**XYZ(59.1549, 28.7224,
95.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	FF10FD
RGB	255, 16, 253
RGB Percent	100%, 6%, 99%
CMY	0.0000, 0.9371, 0.0078
CMYK	0.00, 0.94, 0.01, 0.00
HSL	301°, 100%, 53%
HSV	301°, 94%, 100%
XYZ	59.1549, 28.7224, 95.3547
YIQ	114.4790, 66.3670, 124.3750

Conversions

Conversions Part 2

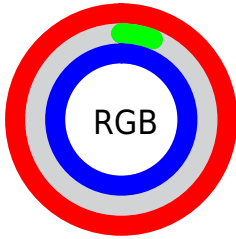
Format	Color
R _Y B	255, 16, 253
Decimal	16716029
CIE Lab	60.54, 97.00, -59.39
CIE LCh	61, 113.736, 328.522
Yxy	28.7224, 0.3228, 0.1568
Android (android.graphics.Color)	4294906109 (0xFFFF10FD)
YUV	114.4790, 68.2909, 123.2369
Hunter-Lab	53.5933, 103.2355, -67.9752

Details

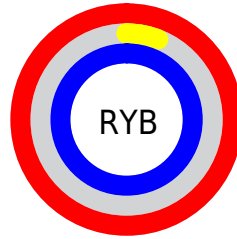
The XYZ color **59.1549, 28.7224, 95.3547** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **36.0837, 71.6742, 12.5064**, and the grayscale version is **15.9310, 16.7606, 18.2523**.

A 20% lighter version of the original color is **64.6526, 39.2051, 98.7675**, and **31.8426, 15.2776, 52.9003** is the 20% darker color. If you saturate the color by 10%, you get **58.9483, 28.3433, 95.1808**, and if you desaturate by 10%, it is **59.8152, 29.9885, 95.7430**.

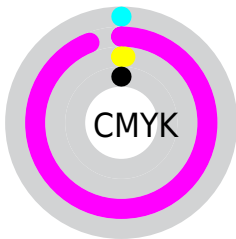
Distribution



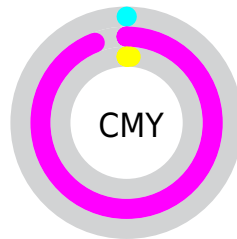
- Red (100%)
- Green (6%)
- Blue (99%)



- Red (100%)
- Yellow (6%)
- Blue (99%)



- Cyan (0%)
- Magenta (94%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1549, 28.7224, 95.3547 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 59.1549, 28.7224, 95.3547 by changing the saturation by 10% instead.


 59.1549, 28.7224,
95.3547


 59.1549, 28.7224,
95.3547

411.3605,
295.9029, 566.3132

 42.9847, 18.8709,
71.8317

 102.7161, 57.6357,
156.7543


 30.0676, 11.5770,
52.5352


 130.8378, 77.4664,
195.4681


 20.0382, 6.4564,
37.0467


 163.6740,
101.3922, 240.0825

 12.5312, 3.1245,
24.9476

 201.5901,
129.7976, 291.0160

 7.1813, 1.1971,
15.8193

 244.9515,
163.0670, 348.6874

 3.6231, 0.0593,
9.2434

294.1234,

 1.4912, 0.0000,

201.5848, 413.5150

4.8013

349.4713,
245.7353, 485.9174

■ 0.3198, 0.0000,
2.0745

■ 0.0000, 0.0000,
0.6005

■ 59.1549, 28.7224,
95.3547

■ 59.1549, 28.7224,
95.3547

■ 58.9483, 28.3433,
95.1808

■ 59.8152, 29.9885,
95.7430

■ 61.0469, 32.3973,
96.3215

■ 62.9453, 36.1397,
97.1225

■ 65.5883, 41.3710,
98.1719

69.0428, 48.2254,
99.4919

73.3685, 56.8219,
101.1026

78.6192, 67.2687,
103.0217

84.8448, 79.6648,
105.2660

92.0911, 94.1026,
107.8508

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.1237, 28.7224, 169.7150



59.1549, 28.7224, 95.3547



66.3722, 28.7224, 33.4063

Triad

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



59.1549, 28.7224, 95.3547



28.0346, 28.7224, 0.0000



9.2471, 28.7224, 87.9584

Complementary

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



59.1549, 28.7224, 95.3547



36.0837, 71.6742, 12.5064

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.



7.6839, 28.7224, 29.2341



59.1549, 28.7224, 95.3547



15.9150, 28.7224, 0.3104

Square

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



59.1549, 28.7224, 95.3547



44.8573, 28.7224, 0.5155



9.6055, 28.7224, 5.2014



15.0508, 28.7224, 163.3552

Rectangle

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



59.1549, 28.7224, 95.3547



63.7792, 28.7224, 11.9769



9.6055, 28.7224, 5.2014



8.3251, 28.7224, 64.6378

Sweetspot

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



59.1555, 28.7234, 95.3552



76.2515, 62.5566, 102.1600



18.4500, 7.7020, 95.1220



15.8488, 12.4504, 21.6935



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.



59.1555, 28.7234, 95.3552



58.9483, 28.3433, 95.1808



45.8354, 23.3954, 25.2127



18.7858, 18.2976, 22.7550



30.8048, 14.8112, 49.7500



3.0014, 1.4429, 4.8547

Inverse Universe

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



59.1555, 28.7234, 95.3552



58.9483, 28.3433, 95.1808



40.3839, 73.3943, 35.1508



18.7858, 18.2976, 22.7550



30.8048, 14.8112, 49.7500



3.0014, 1.4429, 4.8547

Previews

White Background



This preview shows how the XYZ color 59.1549, 28.7224, 95.3547 looks on a white background.

Color Contrast Check

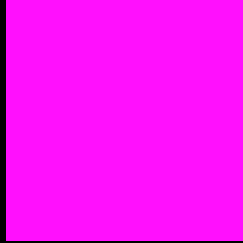
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.1549, 28.7224, 95.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

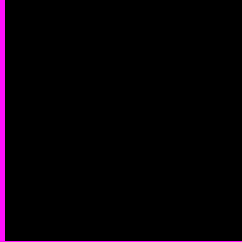
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 59.1549, 28.7224, 95.3547

Background



This preview shows how black text looks on a background with the XYZ color 59.1549, 28.7224, 95.3547.



This preview shows how white text looks on a background with the XYZ color 59.1549, 28.7224,

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

59.1549, 28.7224, 95.3547

Protanopia

32.3867, 29.1921, 98.5354

Deuteranopia

30.0828, 29.2141, 84.9423



Tritanopia

42.8076, 28.5266, 17.1599

Trichromacy



Original Color

59.1549, 28.7224, 95.3547



Protanomaly

35.1130, 22.3805, 96.2352



Deuteranomaly

33.2172, 21.8788, 87.2663



Tritanomaly

46.1295, 26.2068, 35.8848

Monochromacy



Original Color

59.1549, 28.7224, 95.3547



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

25.0330, 16.1647, 37.3980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1549, 28.7224, 95.3547 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, 16, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 16, 253)  
}
```

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, 16, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 16, 253) }
```

Border

The CSS property to change the border of an element to XYZ 59.1549, 28.7224, 95.3547 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, 16, 253) }
```


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

```
.border{ border-color:rgb(255, 16, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 16, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 16, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 16, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 16,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1549, 28.7224, 95.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 16, 253) }
```

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

```
.background{ background-color: rgb(255, 16,  
253) }
```

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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