

Converting Colors

XYZ(59.2331, 30.4279, 95.1942)

Have a look what the booklet for
XYZ(59.2331, 30.4279, 95.1942)
contains.

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Color

**XYZ(59.0347, 30.3621,
94.8444)**

Conversions

Conversions Part 1

Format	Color
Hex	FC36FC
RGB	252, 54, 252
RGB Percent	99%, 21%, 99%
CMY	0.0118, 0.7882, 0.0118
CMYK	0.00, 0.79, 0.00, 0.01
HSL	300°, 97%, 60%
HSV	300°, 79%, 99%
XYZ	59.0347, 30.3621, 94.8444
YIQ	135.7740, 54.4500, 103.5540

Conversions

Conversions Part 2

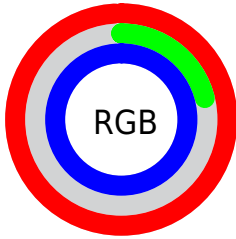
Format	Color
R _Y B	252, 54, 252
Decimal	16529148
CIE Lab	61.97, 90.55, -56.58
CIE LCh	62, 106.773, 327.999
Yxy	30.3621, 0.3204, 0.1648
Android (android.graphics.Color)	4294719228 (0xFFFC36FC)
YUV	135.7740, 57.2994, 101.9302
Hunter-Lab	55.1018, 94.8122, -63.4821

Details

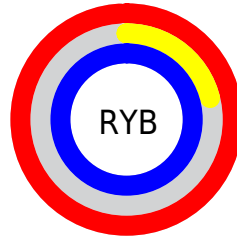
The XYZ color **59.0347, 30.3621, 94.8444** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **36.9990, 70.6728, 15.1828**, and the grayscale version is **23.0985, 24.3014, 26.4643**.

A 20% lighter version of the original color is **66.4977, 42.8953, 99.3826**, and **31.3362, 15.0165, 52.8766** is the 20% darker color. If you saturate the color by 10%, you get **58.1509, 28.5936, 94.5499**, and if you desaturate by 10%, it is **60.5275, 33.3467, 95.3423**.

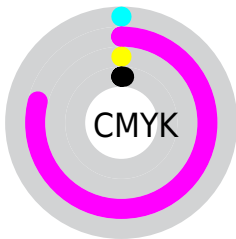
Distribution



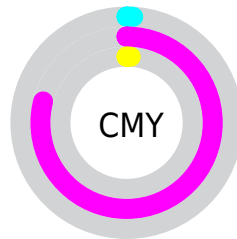
- Red (99%)
- Green (21%)
- Blue (99%)



- Red (99%)
- Yellow (21%)
- Blue (99%)



- Cyan (0%)
- Magenta (79%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (79%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0347, 30.3621, 94.8444 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 59.0347, 30.3621, 94.8444 by changing the saturation by 10% instead.


 59.0347, 30.3621,
94.8444


 59.0347, 30.3621,
94.8444


410.9225,
303.5887, 564.6383


 42.8875, 20.1136,
71.4093


 102.5424, 60.2343,
156.0433


 29.9910, 12.4776,
52.1924


 130.6337, 80.6269,
194.6443

 19.9798, 7.0699,
36.7752


 163.4371,
105.1695, 239.1376

 12.4885, 3.5058,
24.7390

 201.3179,
134.2467, 289.9418

 7.1519, 1.4012,
15.6655

 244.6414,
168.2428, 347.4754

 3.6044, 0.2176,
9.1360

293.7732,

 1.4809, 0.0000,

207.5423, 412.1570

4.7320

349.0784,
252.5294, 484.4051

■ 0.3128, 0.0000,
2.0349

■ 0.0000, 0.0000,
0.5766

■ 59.0347, 30.3621,
94.8444

■ 59.0347, 30.3621,
94.8444

■ 58.1509, 28.5936,
94.5499

■ 60.5275, 33.3467,
95.3423

■ 57.7553, 27.8024,
94.4179

■ 62.7082, 37.7079,
96.0693

■ 57.7161, 27.7240,
94.4049

■ 65.6474, 43.5865,
97.0492

■ 69.4065, 51.1045,
98.3023

74.0402, 60.3718,
99.8469

79.5986, 71.4888,
101.6999

86.1283, 84.5480,
103.8765

93.4763, 99.2441,
106.3260

93.4764, 99.2441,
106.3261

Harmonies

Analogous

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



43.7933, 30.3621, 162.8036



59.0347, 30.3621, 94.8444



66.0010, 30.3621, 35.8871

Triad

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



59.0347, 30.3621, 94.8444



29.8295, 30.3621, 0.0090



10.7473, 30.3621, 85.5459

Complementary

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



59.0347, 30.3621, 94.8444



36.9990, 70.6728, 15.1828

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.



9.1733, 30.3621, 30.3839



59.0347, 30.3621, 94.8444



17.7754, 30.3621, 0.8782

Square

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



59.0347, 30.3621, 94.8444



46.0272, 30.3621, 1.1496



11.2522, 30.3621, 6.4192



16.5980, 30.3621, 154.9701

Rectangle

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



59.0347, 30.3621, 94.8444



63.7202, 30.3621, 14.2028



11.2522, 30.3621, 6.4192



9.8064, 30.3621, 63.8644

Sweetspot

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



59.0359, 30.3635, 94.8450



78.5373, 66.9746, 103.3955



20.4126, 10.4525, 93.0383



16.3911, 13.4971, 21.9912



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.



59.0359, 30.3635, 94.8450



59.4649, 28.8301, 97.0373



47.2155, 25.6353, 32.5996



17.9931, 17.5246, 21.8195



30.0646, 14.4416, 49.1759



2.7845, 1.3375, 4.5545

Inverse Universe

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



59.0359, 30.3635, 94.8450



59.4649, 28.8301, 97.0373



42.0832, 72.7065, 41.9557



17.9931, 17.5246, 21.8195



30.0646, 14.4416, 49.1759



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 59.0347, 30.3621, 94.8444 looks on a white background.

Color Contrast Check

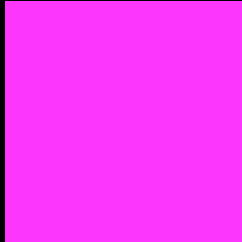
Large Text (above 18pt) WCAG AA × Fail

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 59.0347, 30.3621, 94.8444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

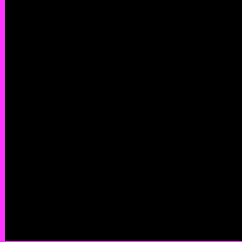
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0347, 30.3621, 94.8444

Background



This preview shows how black text looks on a background with the XYZ color 59.0347, 30.3621, 94.8444.



This preview shows how white text looks on a background with the XYZ color 59.0347, 30.3621,

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

59.0347, 30.3621, 94.8444

Protanopia

33.8505, 30.8541, 98.7791

Deuteranopia

31.5945, 30.6951, 85.1485



Tritanopia

43.4400, 29.9906, 20.0222

Trichromacy



Original Color

59.0347, 30.3621, 94.8444



Protanomaly

37.5048, 26.0339, 96.8143



Deuteranomaly

35.8260, 25.7011, 87.8666



Tritanomaly

46.8992, 28.5733, 38.6406

Monochromacy



Original Color

59.0347, 30.3621, 94.8444



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

31.5500, 22.9874, 44.8936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0347, 30.3621, 94.8444 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(252, 54, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 54, 252)  
}
```

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(252, 54, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 54, 252) }
```

Border

The CSS property to change the border of an element to XYZ 59.0347, 30.3621, 94.8444 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(252, 54, 252) }
```


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

```
.border{ border-color:rgb(252, 54, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 54, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 54, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 54, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 54,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0347, 30.3621, 94.8444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 54, 252) }
```

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

```
.background{ background-color: rgb(252, 54,  
252) }
```

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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