

Converting Colors

XYZ(59.8364, 30.5927, 94.0180)

Have a look what the booklet for
XYZ(59.8364, 30.5927, 94.0180)
contains.

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Color

**XYZ(59.8364, 30.5927,
94.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33FB
RGB	255, 51, 251
RGB Percent	100%, 20%, 98%
CMY	0.0000, 0.7999, 0.0157
CMYK	0.00, 0.80, 0.02, 0.00
HSL	301°, 100%, 60%
HSV	301°, 80%, 100%
XYZ	59.8364, 30.5927, 94.0180
YIQ	134.7960, 57.3840, 105.4480

Conversions

Conversions Part 2

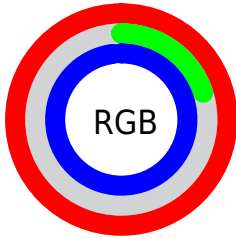
Format	Color
R _Y B	255, 51, 251
Decimal	16724987
CIE _{Lab}	62.16, 91.62, -55.69
CIE _{LCh}	62, 107.217, 328.709
Yxy	30.5927, 0.3244, 0.1659
Android (android.graphics.Color)	4294915067 (0xFFFF33FB)
YUV	134.7960, 57.2886, 105.4189
Hunter-Lab	55.3107, 96.3119, -62.0647

Details

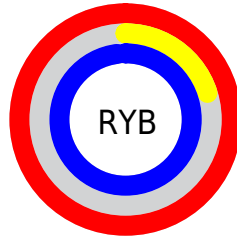
The XYZ color **59.8364, 30.5927, 94.0180** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **37.8158, 72.5001, 15.6168**, and the grayscale version is **22.7360, 23.9201, 26.0490**.

A 20% lighter version of the original color is **66.2495, 42.3991, 99.2998**, and **31.9857, 15.3644, 52.3187** is the 20% darker color. If you saturate the color by 10%, you get **58.9326, 28.9110, 93.3287**, and if you desaturate by 10%, it is **61.3515, 33.4965, 94.9128**.

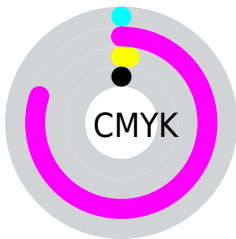
Distribution



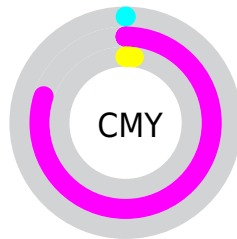
- Red (100%)
- Green (20%)
- Blue (98%)



- Red (100%)
- Yellow (20%)
- Blue (98%)



- Cyan (0%)
- Magenta (80%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (80%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8364, 30.5927, 94.0180 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 59.8364, 30.5927, 94.0180 by changing the saturation by 10% instead.


 59.8364, 30.5927,
94.0180


 59.8364, 30.5927,
94.0180


413.8389,
304.6575, 561.9202


 43.5357, 20.2889,
70.7256

 103.7000, 60.5982,
154.8911


 30.5020, 12.6052,
51.6378


 131.9937, 81.0688,
193.3089


 20.3699, 7.1573,
36.3362


 165.0157,
105.6970, 237.6055

 12.7740, 3.5606,
24.4022

 203.1314,
134.8673, 288.1995

 7.3491, 1.4310,
15.4173

 246.7063,
168.9642, 345.5094

 3.7296, 0.2394,
8.9629

296.1056,

 1.5503, 0.0000,

208.3719, 409.9538

4.6205

351.6947,
253.4748, 481.9513

■ 0.3597, 0.0000,
1.9716

■ 0.0000, 0.0000,
0.5377

■ 59.8364, 30.5927,
94.0180

■ 59.8364, 30.5927,
94.0180

■ 58.9326, 28.9110,
93.3287

■ 61.3515, 33.4965,
94.9128

■ 58.4955, 28.1624,
92.7957

■ 63.5634, 37.7936,
96.0405

■ 58.4954, 28.1621,
92.7955

■ 66.5459, 43.6316,
97.4261

■ 70.3630, 51.1385,
99.0910

■ 75.0721, 60.4290,
101.0542

■ 80.7254, 71.6076,
103.3331

■ 87.3711, 84.7707,
105.9440

■ 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.



44.5551, 30.5927, 163.0184



59.8364, 30.5927, 94.0180



66.5979, 30.5927, 35.1339

Triad

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



59.8364, 30.5927, 94.0180



29.7074, 30.5927, 0.0000



10.8930, 30.5927, 87.9563

Complementary

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



59.8364, 30.5927, 94.0180



37.8158, 72.5001, 15.6168

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.



9.2173, 30.5927, 31.5508



59.8364, 30.5927, 94.0180



17.6769, 30.5927, 0.9186

Square

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



59.8364, 30.5927, 94.0180



46.0106, 30.5927, 1.0928



11.2213, 30.5927, 6.7297



16.9108, 30.5927, 157.9091

Rectangle

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



59.8364, 30.5927, 94.0180



64.0934, 30.5927, 13.7626



11.2213, 30.5927, 6.7297



9.9128, 30.5927, 65.8740

Sweetspot

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



59.8370, 30.5938, 94.0186



78.3447, 66.8976, 102.3814



20.7779, 10.3845, 95.5170



16.3438, 13.4782, 21.7420



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.



59.8370, 30.5938, 94.0186



58.6375, 28.3961, 92.9976



47.8978, 25.8181, 31.1473



18.7764, 18.2939, 22.7057



30.5721, 14.7181, 48.5245



2.9814, 1.4349, 4.7495

Inverse Universe

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



59.8370, 30.5938, 94.0186



58.6375, 28.3961, 92.9976



43.1611, 74.6382, 43.7649



18.7764, 18.2939, 22.7057



30.5721, 14.7181, 48.5245



2.9814, 1.4349, 4.7495

Previews

White Background



This preview shows how the XYZ color 59.8364, 30.5927, 94.0180 looks on a white background.

Color Contrast Check

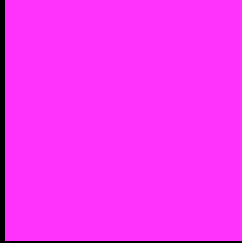
Large Text (above 18pt) WCAG AA × Fail

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 59.8364, 30.5927, 94.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

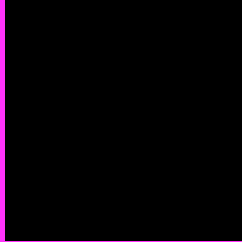
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8364, 30.5927, 94.0180

Background



This preview shows how black text looks on a background with the XYZ color 59.8364, 30.5927, 94.0180.



This preview shows how white text looks on a background with the XYZ color 59.8364, 30.5927,

94.0180.

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

59.8364, 30.5927, 94.0180

Protanopia

33.9632, 30.9122, 98.7843

Deuteranopia

31.6719, 30.7519, 84.3872



Tritanopia

44.2301, 30.2556, 19.4283

Trichromacy



Original Color

59.8364, 30.5927, 94.0180



Protanomaly

37.7841, 26.0132, 96.7955



Deuteranomaly

36.1449, 25.7145, 87.0628



Tritanomaly

47.7652, 28.9092, 38.1845

Monochromacy



Original Color

59.8364, 30.5927, 94.0180



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

31.4765, 22.6587, 44.3095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8364, 30.5927, 94.0180 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, 51, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 251)  
}
```

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, 51, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 251) }
```

Border

The CSS property to change the border of an element to XYZ 59.8364, 30.5927, 94.0180 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, 51, 251) }
```


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

```
.border{ border-color:rgb(255, 51, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8364, 30.5927, 94.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 251) }
```

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

```
.background{ background-color: rgb(255, 51,  
251) }
```

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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