

Converting Colors

XYZ(59.6781, 29.2563, 97.1094)

Have a look what the booklet for
XYZ(59.6781, 29.2563, 97.1094)
contains.

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Color

**XYZ(59.6819, 29.2639,
97.1106)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1BFF
RGB	255, 27, 255
RGB Percent	100%, 11%, 100%
CMY	0.0000, 0.8940, 0.0000
CMYK	0.00, 0.89, 0.00, 0.00
HSL	300°, 100%, 55%
HSV	300°, 89%, 100%
XYZ	59.6819, 29.2639, 97.1106
YIQ	121.1640, 62.7000, 119.2440

Conversions

Conversions Part 2

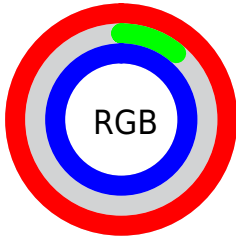
Format	Color
R _Y B	255, 27, 255
Decimal	16718847
CIE Lab	61.01, 96.20, -59.73
CIE LCh	61, 113.238, 328.164
Yxy	29.2639, 0.3208, 0.1573
Android (android.graphics.Color)	4294908927 (0xFFFF1BFF)
YUV	121.1640, 65.9811, 117.3742
Hunter-Lab	54.0961, 102.2631, -68.5671

Details

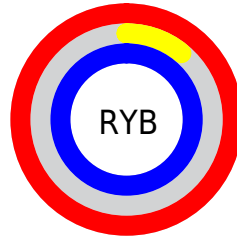
The XYZ color **59.6819, 29.2639, 97.1106** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **36.4107, 71.8326, 12.9844**, and the grayscale version is **18.0107, 18.9486, 20.6350**.

A 20% lighter version of the original color is **65.0842, 40.0683, 98.9114**, and **32.0704, 15.3687, 54.0995** is the 20% darker color. If you saturate the color by 10%, you get **59.3065, 28.5131, 96.9855**, and if you desaturate by 10%, it is **60.5415, 30.9830, 97.3972**.

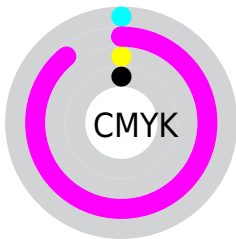
Distribution



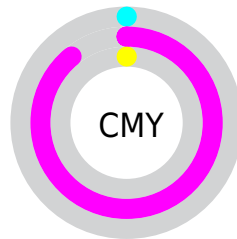
- Red (100%)
- Green (11%)
- Blue (100%)



- Red (100%)
- Yellow (11%)
- Blue (100%)



- Cyan (0%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6819, 29.2639, 97.1106 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 59.6819, 29.2639, 97.1106 by changing the saturation by 10% instead.


 59.6819, 29.2639,
97.1106


 59.6819, 29.2639,
97.1106

413.2778,
298.4581, 572.0560


 43.4108, 19.2805,
73.2863

 103.4771, 58.4961,
159.1978


 30.4035, 11.8732,
53.7169


 131.7318, 78.5138,
198.2979


 20.2946, 6.6574,
37.9837


 164.7118,
102.6450, 243.3269

 12.7189, 3.2488,
25.6683

 202.7824,
131.2741, 294.7035

 7.3109, 1.2629,
16.3521

 246.3089,
164.7856, 352.8462

 3.7054, 0.1122,
9.6166

295.6568,

 1.5368, 0.0000,

203.5638, 418.1734

5.0433

351.1913,
247.9932, 491.1039

■ 0.3507, 0.0000,
2.2135

■ 0.0000, 0.0000,
0.6821

■ 59.6819, 29.2639,
97.1106

■ 59.6819, 29.2639,
97.1106

■ 59.3065, 28.5131,
96.9855

■ 60.5415, 30.9830,
97.3972

■ 59.2900, 28.4800,
96.9800

■ 62.0161, 33.9321,
97.8887

■ 64.1925, 38.2850,
98.6142

■ 67.1434, 44.1867,
99.5978

70.9322, 51.7644,
100.8607

75.6160, 61.1320,
102.4220

81.2468, 72.3936,
104.2989

87.8725, 85.6450,
106.5075

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.



43.5287, 29.2639, 171.3079



59.6819, 29.2639, 97.1106



67.0668, 29.2639, 34.5480

Triad

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



59.6819, 29.2639, 97.1106



28.7367, 29.2639, 0.0000



9.5103, 29.2639, 87.9058

Complementary

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



59.6819, 29.2639, 97.1106



36.4107, 71.8326, 12.9844

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.



7.9621, 29.2639, 29.3216



59.6819, 29.2639, 97.1106



16.4265, 29.2639, 0.3751

Square

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



59.6819, 29.2639, 97.1106



45.6933, 29.2639, 0.6288



9.9633, 29.2639, 5.3054



15.3392, 29.2639, 163.4147

Rectangle

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



59.6819, 29.2639, 97.1106



64.5742, 29.2639, 12.6082



9.9633, 29.2639, 5.3054



8.5875, 29.2639, 64.6302

Sweetspot

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



59.6825, 29.2649, 97.1108



76.8805, 63.6610, 102.8435



18.8951, 8.2383, 95.2020



16.0745, 12.8638, 21.8857



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.



59.6825, 29.2649, 97.1108



59.2900, 28.4800, 96.9800



46.4411, 23.9684, 27.3825



18.7928, 18.3004, 22.7918



30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Inverse Universe

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



59.6825, 29.2649, 97.1108



59.2900, 28.4800, 96.9800



41.0212, 73.6768, 37.2629



18.7928, 18.3004, 22.7918



30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Previews

White Background



This preview shows how the XYZ color 59.6819, 29.2639, 97.1106 looks on a white background.

Color Contrast Check

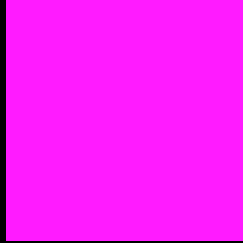
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.6819, 29.2639, 97.1106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

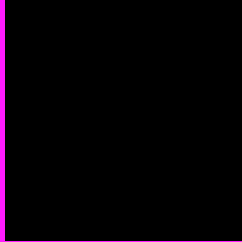
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 59.6819, 29.2639, 97.1106

Background



This preview shows how black text looks on a background with the XYZ color 59.6819, 29.2639, 97.1106.



This preview shows how white text looks on a background with the XYZ color 59.6819, 29.2639,

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

59.6819, 29.2639, 97.1106

Protanopia

32.7426, 29.5994, 98.5953

Deuteranopia

30.5345, 29.6447, 86.5507



Tritanopia

43.1083, 28.9576, 17.7853

Trichromacy



Original Color

59.6819, 29.2639, 97.1106



Protanomaly

35.8405, 23.2997, 97.2160



Deuteranomaly

34.0094, 22.9772, 89.0288

Tritanomaly

46.6939, 27.0533, 36.9432

Monochromacy



Original Color

59.6819, 29.2639, 97.1106



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

27.2415, 18.2647, 40.1199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6819, 29.2639, 97.1106 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, 27, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 27, 255)  
}
```

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, 27, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 27, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.6819, 29.2639, 97.1106 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, 27, 255) }
```


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

```
.border{ border-color:rgb(255, 27, 255) }
```

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

Here you see how a box with a 4 pixel rgb(255, 27, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 27, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 27, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 27,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6819, 29.2639, 97.1106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 27, 255) }
```

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

```
.background{ background-color: rgb(255, 27,  
255) }
```

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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