

Converting Colors

XYZ(59.2834, 36.7573, 94.9938)

Have a look what the booklet for
XYZ(59.2834, 36.7573, 94.9938)
contains.

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Color

**XYZ(59.2641, 36.8177,
95.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	F16EFB
RGB	241, 110, 251
RGB Percent	95%, 43%, 98%
CMY	0.0549, 0.5686, 0.0157
CMYK	0.04, 0.56, 0.00, 0.02
HSL	296°, 95%, 71%
HSV	296°, 56%, 98%
XYZ	59.2641, 36.8177, 95.2497
YIQ	165.2430, 32.8150, 71.6230

Conversions

Conversions Part 2

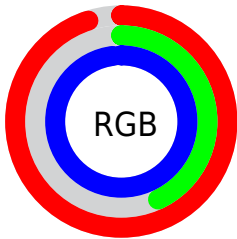
Format	Color
R _Y B	241, 110, 251
Decimal	15822587
CIE Lab	67.14, 68.80, -47.93
CIE LCh	67, 83.847, 325.133
Yxy	36.8177, 0.3097, 0.1924
Android (android.graphics.Color)	4294012667 (0xFFFF16EFB)
YUV	165.2430, 42.2782, 66.4389
Hunter-Lab	60.6776, 68.1560, -50.5972

Details

The XYZ color **59.2641, 36.8177, 95.2497** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **45.0586, 74.1141, 26.6842**, and the grayscale version is **35.6747, 37.5326, 40.8730**.

A 20% lighter version of the original color is **73.1087, 56.1174, 101.5862**, and **30.1696, 16.1213, 52.5605** is the 20% darker color. If you saturate the color by 10%, you get **56.3253, 31.8366, 94.4437**, and if you desaturate by 10%, it is **62.9783, 43.3385, 96.3131**.

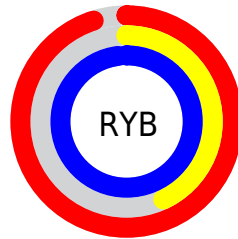
Distribution



Red (95%)

Green (43%)

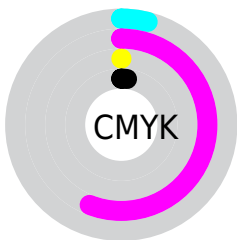
Blue (98%)



Red (95%)

Yellow (43%)

Blue (98%)

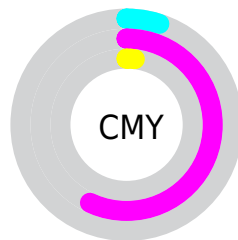


Cyan (4%)

Magenta (56%)

Yellow (0%)

Black (2%)



Cyan (5%)


Magenta (57%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2641, 36.8177, 95.2497 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 59.2641, 36.8177, 95.2497 by changing the saturation by 10% instead.


 59.2641, 36.8177,
95.2497


 59.2641, 36.8177,
95.2497


411.7583,
332.5206, 565.9688


 43.0729, 25.0664,
71.7448


 102.8738, 70.2923,
156.6081

 30.1371, 16.1265,
52.4647


 131.0231, 92.7844,
195.2986

 20.0913, 9.6137,
36.9908

 163.8892,
119.6255, 239.8881

 12.5701, 5.1436,
24.9046

201.8374,
151.2001, 290.7951

 7.2081, 2.3318,
15.7876

245.2330,
187.8925, 348.4381

 3.6401, 0.7904,
9.2213

294.4415,

 1.5006, 0.0000,

230.0871, 413.2357

4.7870

349.8281,
278.1683, 485.6064

■ 0.3262, 0.0000,
2.0663

■ 0.0000, 0.0000,
0.5956

■ 59.2641, 36.8177,
95.2497

■ 59.2641, 36.8177,
95.2497

■ 56.3253, 31.8366,
94.4437

■ 62.9783, 43.3385,
96.3131

■ 54.0911, 28.2571,
93.8705

■ 67.5227, 51.5120,
97.6512

■ 52.4849, 25.9249,
93.5050

■ 72.9518, 61.4460,
99.2826

■ 51.4097, 24.6460,
93.3148

■ 79.3143, 73.2379,
101.2233

51.0824, 24.3224,
93.2696

86.6554, 86.9780,
103.4885

93.2024, 99.1212,
105.4873

93.8490, 99.4545,
105.5175

94.4127, 99.7451,
105.5439

Harmonies

Analogous

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



46.4977, 36.8177, 143.4530



59.2641, 36.8177, 95.2497



65.6177, 36.8177, 46.3575

Triad

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



59.2641, 36.8177, 95.2497



37.1197, 36.8177, 2.9106



17.1344, 36.8177, 78.0034

Complementary

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



59.2641, 36.8177, 95.2497



45.0586, 74.1141, 26.6842

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.



15.7820, 36.8177, 34.4113



59.2641, 36.8177, 95.2497



25.5640, 36.8177, 4.1740

Square

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



59.2641, 36.8177, 95.2497



50.9980, 36.8177, 5.6391



18.4619, 36.8177, 11.8217



22.7466, 36.8177, 129.9383

Rectangle

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



59.2641, 36.8177, 95.2497



64.4639, 36.8177, 24.3849



18.4619, 36.8177, 11.8217



16.2351, 36.8177, 61.4003

Sweetspot

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



59.2655, 36.8193, 95.2505



81.6241, 74.8137, 104.7462



30.7734, 24.1396, 94.3047



17.1736, 15.4603, 22.3289



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.



59.2655, 36.8193, 95.2505



58.1540, 32.6180, 97.8386



54.9030, 35.4795, 53.9708



17.8644, 17.4582, 21.8135



26.9034, 12.8119, 49.0285



2.5271, 1.2048, 4.5425

Inverse Universe

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



48.7509, 33.0187, 21.5747



46.5456, 28.4734, 14.1734



48.0669, 75.1655, 49.3901



17.2945, 17.2452, 18.1408



20.9871, 10.8105, 1.3743



1.9606, 1.0080, 0.2159

Previews

White Background



This preview shows how the XYZ color 59.2641, 36.8177, 95.2497 looks on a white background.

Color Contrast Check

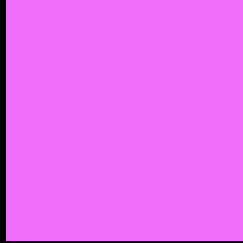
Large Text (above 18pt) WCAG AA × Fail

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 59.2641, 36.8177, 95.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

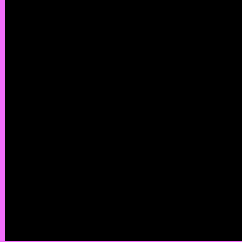
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2641, 36.8177, 95.2497

Background



This preview shows how black text looks on a background with the XYZ color 59.2641, 36.8177, 95.2497.



This preview shows how white text looks on a background with the XYZ color 59.2641, 36.8177,

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

59.2641, 36.8177, 95.2497

Protanopia

39.6970, 37.2989, 99.7149

Deuteranopia

38.3301, 37.3510, 89.1937



Tritanopia

46.2859, 36.5234, 32.6272

Trichromacy



Original Color

59.2641, 36.8177, 95.2497



Protanomaly

43.9246, 34.9368, 98.1943



Deuteranomaly

43.0323, 35.0851, 90.8903



Tritanomaly

49.9506, 36.0052, 50.2159

Monochromacy



Original Color

59.2641, 36.8177, 95.2497



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

42.0815, 35.5738, 56.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2641, 36.8177, 95.2497 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(241, 110, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 110, 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(241, 110, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 110, 251) }
```

Border

The CSS property to change the border of an element to XYZ 59.2641, 36.8177, 95.2497 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(241, 110, 251) }
```


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

```
.border{ border-color:rgb(241, 110, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 110, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 110, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 110, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 110,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2641, 36.8177, 95.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 110, 251) }
```

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

```
.background{ background-color: rgb(241,  
110, 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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