

Converting Colors

XYZ(57.5298, 36.3117, 83.1975)

Have a look what the booklet for
XYZ(57.5298, 36.3117, 83.1975)
contains.

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Color

**XYZ(57.4427, 36.3023,
83.3364)**

Conversions

Conversions Part 1

Format	Color
Hex	F26FEC
RGB	242, 111, 236
RGB Percent	95%, 44%, 93%
CMY	0.0510, 0.5647, 0.0745
CMYK	0.00, 0.54, 0.02, 0.05
HSL	303°, 83%, 69%
HSV	303°, 54%, 95%
XYZ	57.4427, 36.3023, 83.3364
YIQ	164.4190, 37.9510, 66.6470

Conversions

Conversions Part 2

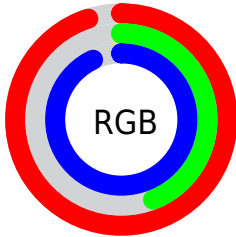
Format	Color
R _Y B	242, 111, 236
Decimal	15888364
CIE Lab	66.75, 66.05, -40.27
CIE LCh	67, 77.362, 328.629
Yxy	36.3023, 0.3244, 0.2050
Android (android.graphics.Color)	4294078444 (0xFFFF26FEC)
YUV	164.4190, 35.2894, 68.0385
Hunter-Lab	60.2514, 64.7391, -39.8307

Details

The XYZ color **57.4427, 36.3023, 83.3364** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **41.5202, 68.1695, 27.8015**, and the grayscale version is **35.3120, 37.1510, 40.4574**.

A 20% lighter version of the original color is **73.2926, 56.4853, 101.6475**, and **28.9946, 15.8186, 44.7051** is the 20% darker color. If you saturate the color by 10%, you get **54.9907, 31.6545, 81.7272**, and if you desaturate by 10%, it is **60.6133, 42.3840, 85.1907**.

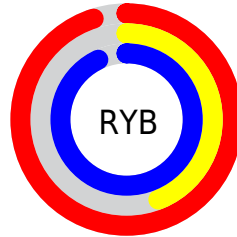
Distribution



Red (95%)

Green (44%)

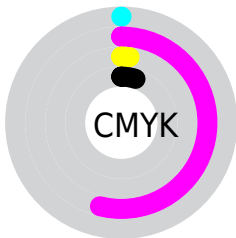
Blue (93%)



Red (95%)

Yellow (44%)

Blue (93%)

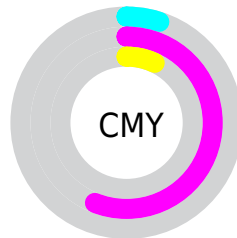


Cyan (0%)

Magenta (54%)

Yellow (2%)

Black (5%)



Cyan (5%)


Magenta (56%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4427, 36.3023, 83.3364 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 57.4427, 36.3023, 83.3364 by changing the saturation by 10% instead.


 57.4427, 36.3023,
83.3364

 57.4427, 36.3023,
83.3364

405.0935,
330.2799, 526.1073


 41.6023, 24.6678,
61.9255


 100.2385, 69.4984,
139.9000

 28.9798, 15.8297,
44.5371

 127.9246, 91.8288,
175.8897

 19.2097, 9.4037,
30.7527


 160.2900,
118.4932, 217.5761

 11.9268, 5.0054,
20.1537

197.7000,
149.8760, 265.3777

 6.7657, 2.2505,
12.3216

240.5200,
186.3617, 319.7131

 3.3610, 0.7473,
6.8379

289.1153,

 1.3474, 0.0000,

228.3347, 381.0008

3.2840

343.8514,
276.1793, 449.6594

■ 0.2183, 0.0000,
1.2414

■ 0.0000, 0.0000,
0.0131

■ 57.4427, 36.3023,
83.3364

■ 57.4427, 36.3023,
83.3364

■ 54.9907, 31.6545,
81.7272

■ 60.6133, 42.3840,
85.1907

■ 53.1944, 28.3171,
80.3411


■ 64.5513, 49.9998,
87.3055


■ 51.9862, 26.1545,
79.1560


■ 69.3056, 59.2467,
89.6973


■ 51.2822, 24.9987,
78.1438


■ 74.9201, 70.2124,
92.3809


 51.0303, 24.6422,
77.6057

 81.4355, 82.9782,
95.3696

 88.5035, 96.8475,
98.5476

 88.6712, 96.9146,
99.4304

 88.8399, 96.9821,
100.3186

 89.0095, 97.0499,
101.2121

Harmonies

Analogous

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



46.4183, 36.3023, 127.0869



57.4427, 36.3023, 83.3364



62.1677, 36.3023, 41.0850

Triad

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



57.4427, 36.3023, 83.3364



35.0440, 36.3023, 3.7954



18.3114, 36.3023, 79.0329

Complementary

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



57.4427, 36.3023, 83.3364



41.5202, 68.1695, 27.8015

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.



16.5744, 36.3023, 38.0090



57.4427, 36.3023, 83.3364



24.8261, 36.3023, 5.6890

Square

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



57.4427, 36.3023, 83.3364



47.5610, 36.3023, 6.1219



18.6657, 36.3023, 14.6142



24.0867, 36.3023, 123.7661

Rectangle

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



57.4427, 36.3023, 83.3364



60.4514, 36.3023, 22.3394



18.6657, 36.3023, 14.6142



17.3023, 36.3023, 63.8304

Sweetspot

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



57.4440, 36.3040, 83.3371



83.0877, 76.5546, 103.4353



28.8318, 21.4514, 86.6263



17.4958, 15.8223, 22.0028



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.



57.4440, 36.3040, 83.3371



61.6847, 35.1870, 91.8662



49.7632, 33.2316, 42.8905



16.4212, 16.0182, 19.7740



27.4280, 13.2436, 41.7658



2.2914, 1.1056, 3.5251

Inverse Universe

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



57.4440, 36.3040, 83.3371



61.6847, 35.1870, 91.8662



46.6361, 70.2158, 54.7414



16.4212, 16.0182, 19.7740



27.4280, 13.2436, 41.7658



2.2914, 1.1056, 3.5251

Previews

White Background



This preview shows how the XYZ color 57.4427, 36.3023, 83.3364 looks on a white background.

Color Contrast Check

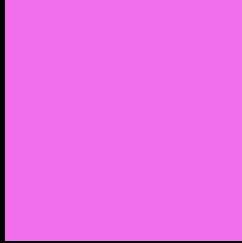
Large Text (above 18pt) WCAG AA × Fail

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 57.4427, 36.3023, 83.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

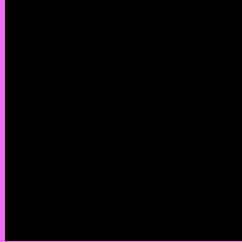
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4427, 36.3023, 83.3364

Background



This preview shows how black text looks on a background with the XYZ color 57.4427, 36.3023, 83.3364.



This preview shows how white text looks on a background with the XYZ color 57.4427, 36.3023,

83.3364.

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

57.4427, 36.3023, 83.3364

Protanopia

39.2250, 36.7972, 99.6429

Deuteranopia

37.4252, 36.6112, 77.7672



Tritanopia

46.5141, 36.0527, 30.8929

Trichromacy



Original Color

57.4427, 36.3023, 83.3364



Protanomaly

42.7647, 34.4481, 93.2021



Deuteranomaly

42.2369, 34.7052, 79.3356



Tritanomaly

49.6576, 35.7582, 45.8798

Monochromacy



Original Color

57.4427, 36.3023, 83.3364



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

41.1579, 35.1750, 53.3354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4427, 36.3023, 83.3364 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(242, 111, 236)` looks like.

```
.text, #text, p{  
    color:rgb(242, 111, 236)  
}
```

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(242, 111, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 111, 236) }
```

Border

The CSS property to change the border of an element to XYZ 57.4427, 36.3023, 83.3364 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(242, 111, 236) }
```


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

```
.border{ border-color:rgb(242, 111, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 111, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 111, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 111, 236);  
box-shadow:4px 4px 4px 4px rgb(242, 111,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4427, 36.3023, 83.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 111, 236) }
```

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

```
.background{ background-color: rgb(242,  
111, 236) }
```

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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