

# Converting Colors

XYZ(57.7464, 28.4473, 88.8335)

Have a look what the booklet for  
XYZ(57.7464, 28.4473, 88.8335)  
contains.

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# Color

**XYZ(57.7464, 28.4473,  
88.8335)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE1BF5
RGB	254, 27, 245
RGB Percent	100%, 11%, 96%
CMY	0.0039, 0.8940, 0.0392
CMYK	0.00, 0.89, 0.04, 0.00
HSL	302°, 99%, 55%
HSV	302°, 89%, 100%
XYZ	57.7464, 28.4473, 88.8335
YIQ	119.7250, 65.3140, 115.9220

# Conversions

## Conversions Part 2

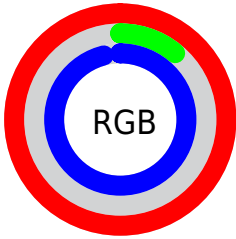
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 27, 245
Decimal	16653301
CIE <sub>Lab</sub>	60.29, 94.64, -55.35
CIE <sub>LCh</sub>	60, 109.636, 329.680
Yxy	28.4473, 0.3299, 0.1625
Android (android.graphics.Color)	4294843381 (0xFFFE1BF5)
YUV	119.7250, 61.7606, 117.7592
Hunter-Lab	53.3360, 99.9223, -61.4149

# Details

The XYZ color **57.7464, 28.4473, 88.8335** 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 **36.2137, 71.2453, 13.5141**, and the grayscale version is **17.5643, 18.4790, 20.1236**.

A 20% lighter version of the original color is **64.9744, 39.8489, 98.8748**, and **30.8153, 14.8373, 48.8167** is the 20% darker color. If you saturate the color by 10%, you get **57.2193, 27.6376, 87.9013**, and if you desaturate by 10%, it is **58.7563, 30.2194, 89.9311**.

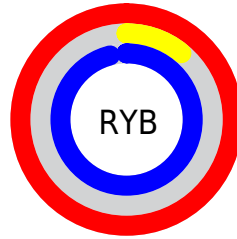
# Distribution



Red (100%)

Green (11%)

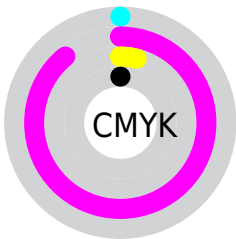
Blue (96%)



Red (100%)

Yellow (11%)

Blue (96%)

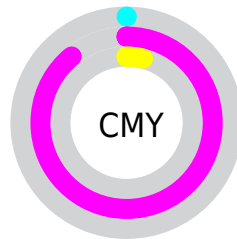


Cyan (0%)

Magenta (89%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (89%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7464, 28.4473, 88.8335 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 57.7464, 28.4473, 88.8335 by changing the saturation by 10% instead.




 57.7464, 28.4473,  
88.8335


 57.7464, 28.4473,  
88.8335


406.2094,  
294.5982, 544.7008


 41.8473, 18.6631,  
66.4453

 100.6786, 57.1978,  
147.6383


 29.1723, 11.4271,  
48.1752


 128.4423, 76.9329,  
184.8921


 19.3561, 6.3549,  
33.6047


 160.8916,  
100.7537, 227.9380

 12.0334, 3.0621,  
22.3152

 198.3919,  
129.0447, 277.1948

 6.8388, 1.1642,  
13.8881

 241.3084,  
162.1903, 333.0810

 3.4069, 0.0322,  
7.9050

290.0066,

 1.3724, 0.0000,

200.5748, 396.0150

3.9473

344.8518,  
244.5826, 466.4154

■ 0.2365, 0.0000,  
1.5965

■ 0.0000, 0.0000,  
0.2883

■ 57.7464, 28.4473,  
88.8335

■ 57.7464, 28.4473,  
88.8335

■ 57.2193, 27.6376,  
87.9013

■ 58.7563, 30.2194,  
89.9311

■ 57.1919, 27.5984,  
87.8439

■ 60.3763, 33.2112,  
91.2360

■ 62.6929, 37.5950,  
92.7773

■ 65.7779, 43.5143,  
94.5788

69.6943, 51.0949,  
96.6617

74.4984, 60.4496,  
99.0446

80.2418, 71.6815,  
101.7448

86.9720, 84.8857,  
104.7780

94.5335, 99.7511,  
108.0926

# Harmonies

## Analogous

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



42.7617, 28.4473, 158.7551



57.7464, 28.4473, 88.8335



64.1000, 28.4473, 31.4085

# Triad

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



57.7464, 28.4473, 88.8335



27.1895, 28.4473, 0.0000



9.6912, 28.4473, 87.3309

# Complementary

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



57.7464, 28.4473, 88.8335



36.2137, 71.2453, 13.5141

# 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.



8.0090, 28.4473, 30.5441



57.7464, 28.4473, 88.8335



15.7363, 28.4473, 0.6081

# Square

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



57.7464, 28.4473, 88.8335



43.1175, 28.4473, 0.6509



9.7675, 28.4473, 6.0193



15.5548, 28.4473, 157.4737



# Rectangle

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



57.7464, 28.4473, 88.8335



61.3329, 28.4473, 11.5274



9.7675, 28.4473, 6.0193



8.7315, 28.4473, 65.0645

# Sweetspot

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



57.7475, 28.4487, 88.8341



76.4440, 63.4864, 100.5448



18.9614, 8.2910, 94.3680



15.9693, 12.8217, 21.3320



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.



57.7475, 28.4487, 88.8341



57.7043, 27.8457, 88.6299



45.4960, 23.5480, 24.3183



18.7597, 18.2872, 22.6178



30.1655, 14.5555, 46.3836



2.9464, 1.4209, 4.5653



# Inverse Universe

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



57.7475, 28.4487, 88.8341



57.7043, 27.8457, 88.6299



41.2464, 73.2584, 40.0160



18.7597, 18.2872, 22.6178



30.1655, 14.5555, 46.3836



2.9464, 1.4209, 4.5653



# Previews

## White Background



This preview shows how the XYZ color 57.7464, 28.4473, 88.8335 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

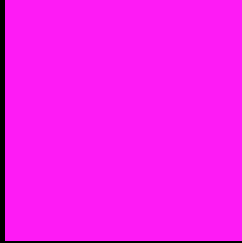
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.7464, 28.4473, 88.8335 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

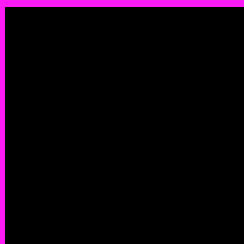
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 57.7464, 28.4473, 88.8335**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.7464, 28.4473, 88.8335.



This preview shows how white text looks on a background with the XYZ color 57.7464, 28.4473,



# 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

57.7464, 28.4473, 88.8335

### Protanopia

32.1366, 28.8413, 98.4809

### Deuteranopia

29.7397, 28.9240, 79.6167



## Tritanopia

42.5141, 28.1060, 16.5489

# Trichromacy



## Original Color

57.7464, 28.4473, 88.8335



## Protanomaly

34.7323, 22.6587, 93.8098



## Deuteranomaly

33.5081, 22.7252, 81.9772



## Tritanomaly

45.6263, 26.2681, 34.1180

# Monochromacy



## Original Color

57.7464, 28.4473, 88.8335



## Achromatopsia

17.8524, 18.7821, 20.4537



## Achromatomaly

26.4815, 17.8072, 37.6387

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.7464, 28.4473, 88.8335 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(254, 27, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 27, 245)  
}
```

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(254, 27, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 27, 245) }
```

## Border

The CSS property to change the border of an element to XYZ 57.7464, 28.4473, 88.8335 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(254, 27, 245) }
```



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

```
.border{ border-color:rgb(254, 27, 245) }
```

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

Here you see how a box with a 4 pixel rgb(254, 27, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 27, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 27, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 27,  
245) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.7464, 28.4473, 88.8335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 27, 245) }
```

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

```
.background{ background-color: rgb(254, 27,  
245) }
```

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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