

Converting Colors

XYZ(57.7416, 28.3495, 87.3192)

Have a look what the booklet for
XYZ(57.7416, 28.3495, 87.3192)
contains.

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Color

**XYZ(57.7241, 28.3439,
87.2225)**

Conversions

Conversions Part 1

Format	Color
Hex	FF17F3
RGB	255, 23, 243
RGB Percent	100%, 9%, 95%
CMY	0.0000, 0.9097, 0.0471
CMYK	0.00, 0.91, 0.05, 0.00
HSL	303°, 100%, 55%
HSV	303°, 91%, 100%
XYZ	57.7241, 28.3439, 87.2225
YIQ	117.4480, 67.6520, 117.6040

Conversions

Conversions Part 2

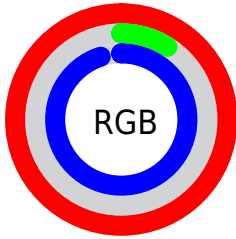
Format	Color
R _Y B	255, 23, 243
Decimal	16717811
CIE Lab	60.20, 94.98, -54.37
CIE LCh	60, 109.445, 330.213
Yxy	28.3439, 0.3331, 0.1636
Android (android.graphics.Color)	4294907891 (0xFFFF17F3)
YUV	117.4480, 61.8971, 120.6331
Hunter-Lab	53.2390, 100.3695, -59.8687

Details

The XYZ color **57.7241, 28.3439, 87.2225** 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 **36.4178, 71.8240, 13.5362**, and the grayscale version is **16.8514, 17.7290, 19.3069**.

A 20% lighter version of the original color is **64.8659, 39.6319, 98.8386**, and **30.8552, 14.8826, 47.7008** is the 20% darker color. If you saturate the color by 10%, you get **57.2384, 27.6593, 86.1762**, and if you desaturate by 10%, it is **58.6964, 29.9684, 88.5333**.

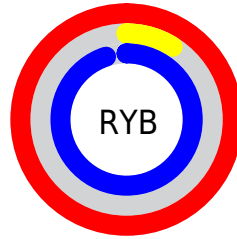
Distribution



Red (100%)

Green (9%)

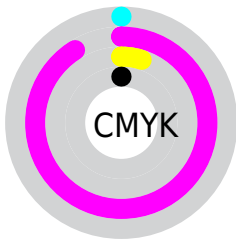
Blue (95%)



Red (100%)

Yellow (9%)

Blue (95%)

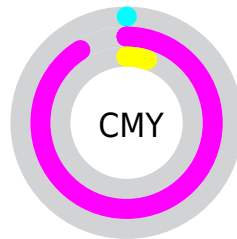


Cyan (0%)

Magenta (91%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (91%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7241, 28.3439, 87.2225 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 57.7241, 28.3439, 87.2225 by changing the saturation by 10% instead.


 57.7241, 28.3439,
87.2225


 57.7241, 28.3439,
87.2225

406.1275,
294.1066, 539.2889


 41.8293, 18.5851,
65.1187


 100.6463, 57.0330,
145.3758

 29.1582, 11.3708,
47.1054


 128.4043, 76.7321,
182.2624


 19.3454, 6.3168,
32.7640


 160.8475,
100.5134, 224.9137

 12.0256, 3.0387,
21.6761

 198.3411,
128.7612, 273.7481

 6.8334, 1.1520,
13.4231

 241.2506,
161.8601, 329.1844

 3.4036, 0.0219,
7.5864

289.9412,

 1.3706, 0.0000,

200.1943, 391.6409

3.7475

344.7784,
244.1484, 461.5362

■ 0.2351, 0.0000,
1.4879

■ 0.0000, 0.0000,
0.2089

■ 57.7241, 28.3439,
87.2225

■ 57.7241, 28.3439,
87.2225

■ 57.2384, 27.6593,
86.1762

■ 58.6964, 29.9684,
88.5333

■ 60.2697, 32.7929,
90.0513

■ 62.5339, 36.9967,
91.8066

■ 65.5633, 42.7287,
93.8241

69.4227, 50.1182,
96.1253

74.1699, 59.2811,
98.7297

79.8576, 70.3228,
101.6547

86.5345, 83.3404,
104.9165

94.2457, 98.4244,
108.5303

Harmonies

Analogous

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



42.8917, 28.3439, 157.0111



57.7241, 28.3439, 87.2225



63.8420, 28.3439, 30.5761

Triad

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



57.7241, 28.3439, 87.2225



26.8401, 28.3439, 0.0000



9.7255, 28.3439, 88.2182

Complementary

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



57.7241, 28.3439, 87.2225



36.4178, 71.8240, 13.5362

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.



7.9862, 28.3439, 31.1491



57.7241, 28.3439, 87.2225



15.5333, 28.3439, 0.6440

Square

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



57.7241, 28.3439, 87.2225



42.6559, 28.3439, 0.6156



9.6748, 28.3439, 6.2151



15.6536, 28.3439, 157.8601

Rectangle

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



57.7241, 28.3439, 87.2225



60.9394, 28.3439, 11.1473



9.6748, 28.3439, 6.2151



8.7464, 28.3439, 65.9167

Sweetspot

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



57.7247, 28.3450, 87.2230



76.3123, 63.4338, 99.8515



19.0375, 8.1847, 95.1842



15.9376, 12.8091, 21.1651



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.



57.7247, 28.3450, 87.2230



57.2384, 27.6593, 86.1762



45.4048, 23.4170, 22.3477



18.7497, 18.2832, 22.5650



29.9260, 14.4597, 45.1220



2.9258, 1.4127, 4.4564

Inverse Universe

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



57.7247, 28.3450, 87.2230



57.2384, 27.6593, 86.1762



41.6685, 73.9243, 41.1860



18.7497, 18.2832, 22.5650



29.9260, 14.4597, 45.1220



2.9258, 1.4127, 4.4564

Previews

White Background



This preview shows how the XYZ color 57.7241, 28.3439, 87.2225 looks on a white background.

Color Contrast Check

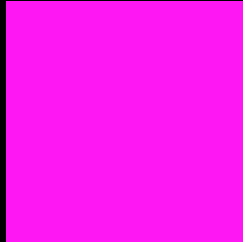
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.7241, 28.3439, 87.2225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

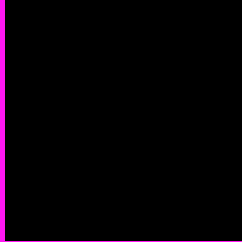
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 57.7241, 28.3439, 87.2225

Background



This preview shows how black text looks on a background with the XYZ color 57.7241, 28.3439, 87.2225.



This preview shows how white text looks on a background with the XYZ color 57.7241, 28.3439,

87.2225.

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

57.7241, 28.3439, 87.2225

Protanopia

32.0374, 28.7901, 98.4762

Deuteranopia

29.5238, 28.6173, 78.0964



Tritanopia

42.9985, 28.2294, 16.0145

Trichromacy



Original Color

57.7241, 28.3439, 87.2225



Protanomaly

34.6369, 22.4680, 93.7780



Deuteranomaly

33.2153, 22.3158, 80.3986



Tritanomaly

46.0289, 26.3062, 33.2235

Monochromacy



Original Color

57.7241, 28.3439, 87.2225



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

25.6405, 17.0463, 36.5892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7241, 28.3439, 87.2225 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, 23, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 243)  
}
```

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, 23, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 243) }
```

Border

The CSS property to change the border of an element to XYZ 57.7241, 28.3439, 87.2225 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, 23, 243) }
```


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

```
.border{ border-color:rgb(255, 23, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 23, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7241, 28.3439, 87.2225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 243) }
```

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

```
.background{ background-color: rgb(255, 23,  
243) }
```

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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