

Converting Colors

XYZ(55.8566, 27.3471, 88.7235)

Have a look what the booklet for
XYZ(55.8566, 27.3471, 88.7235)
contains.

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Color

**XYZ(55.8547, 27.3451,
88.7205)**

Conversions

Conversions Part 1

Format	Color
Hex	F917F5
RGB	249, 23, 245
RGB Percent	98%, 9%, 96%
CMY	0.0235, 0.9097, 0.0392
CMYK	0.00, 0.91, 0.02, 0.02
HSL	301°, 95%, 53%
HSV	301°, 91%, 98%
XYZ	55.8547, 27.3451, 88.7205
YIQ	115.8820, 63.4340, 116.9540

Conversions

Conversions Part 2

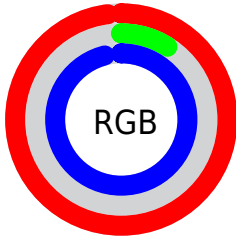
Format	Color
R _Y B	249, 23, 245
Decimal	16324597
CIE Lab	59.29, 94.27, -56.99
CIE LCh	59, 110.155, 328.845
Yxy	27.3451, 0.3249, 0.1591
Android (android.graphics.Color)	4294514677 (0xFFFF917F5)
YUV	115.8820, 63.6552, 116.7445
Hunter-Lab	52.2925, 99.1474, -63.9877

Details

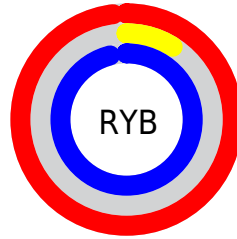
The XYZ color **55.8547, 27.3451, 88.7205** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **34.4282, 68.0139, 12.3519**, and the grayscale version is **16.3669, 17.2193, 18.7518**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **29.8161, 14.3222, 48.7699** is the 20% darker color. If you saturate the color by 10%, you get **55.4867, 26.7077, 88.2913**, and if you desaturate by 10%, it is **56.6702, 28.8674, 89.3250**.

Distribution



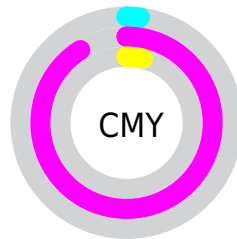
- Red (98%)
- Green (9%)
- Blue (96%)



- Red (98%)
- Yellow (9%)
- Blue (96%)



- Cyan (0%)
- Magenta (91%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (91%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8547, 27.3451, 88.7205 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 55.8547, 27.3451, 88.7205 by changing the saturation by 10% instead.


 55.8547, 27.3451,
88.7205


 55.8547, 27.3451,
88.7205


399.2276,
289.3242, 544.3222


 40.3230, 17.8326,
66.3522


 97.9331, 55.4371,
147.4798

 27.9758, 10.8298,
48.1001


 125.2106, 74.7855,
184.7078


 18.4478, 5.9525,
33.5456


 157.1340, 98.1811,
227.7262

 11.3736, 2.8162,
22.2702

 194.0687,
126.0086, 276.9535

 6.3878, 1.0366,
13.8554

 236.3800,
158.6523, 332.8082

 3.1252, 0.0000,
7.8825

284.4334,

 1.2203, 0.0000,

196.4965, 395.7088

3.9332

338.5941,
239.9256, 466.0740

■ 0.1223, 0.0000,
1.5888

■ 0.0000, 0.0000,
0.2828

■ 55.8547, 27.3451,
88.7205

■ 55.8547, 27.3451,
88.7205

■ 55.4867, 26.7077,
88.2913

■ 56.6702, 28.8674,
89.3250

■ 58.0550, 31.5288,
90.1198

■ 60.0937, 35.4978,
91.1334

■ 62.8561, 40.9141,
92.3891

66.4032, 47.8994,
93.9071

70.7895, 56.5628,
95.7056

76.0645, 67.0035,
97.8012

82.2741, 79.3130,
100.2091

89.4608, 93.5765,
102.9435

Harmonies

Analogous

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



40.9637, 27.3451, 157.7376



55.8547, 27.3451, 88.7205



62.4458, 27.3451, 31.3280

Triad

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



55.8547, 27.3451, 88.7205



26.5277, 27.3451, 0.0000



9.0180, 27.3451, 83.3536

Complementary

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



55.8547, 27.3451, 88.7205



34.4282, 68.0139, 12.3519

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.



7.4942, 27.3451, 28.2725



55.8547, 27.3451, 88.7205



15.1993, 27.3451, 0.4014

Square

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



55.8547, 27.3451, 88.7205



42.2277, 27.3451, 0.5566



9.2840, 27.3451, 5.2568



14.5623, 27.3451, 153.1406

Rectangle

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



55.8547, 27.3451, 88.7205



59.9447, 27.3451, 11.3889



9.2840, 27.3451, 5.2568



8.1281, 27.3451, 61.5805

Sweetspot

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



55.8558, 27.3464, 88.7210



76.6849, 63.5828, 101.8132



17.8525, 7.6836, 90.1658



16.0273, 12.8449, 21.6374



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.



55.8558, 27.3464, 88.7210



58.5715, 28.1926, 93.1966



43.5561, 22.4265, 23.9516



17.9790, 17.5190, 21.7452



29.7068, 14.2985, 47.2921



2.7555, 1.3259, 4.4018

Inverse Universe

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



55.8558, 27.3464, 88.7210



58.5715, 28.1926, 93.1966



38.9474, 69.8216, 36.1500



17.9790, 17.5190, 21.7452



29.7068, 14.2985, 47.2921



2.7555, 1.3259, 4.4018

Previews

White Background



This preview shows how the XYZ color 55.8547, 27.3451, 88.7205 looks on a white background.

Color Contrast Check

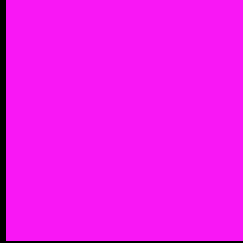
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.8547, 27.3451, 88.7205 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 55.8547, 27.3451, 88.7205

Background



This preview shows how black text looks on a background with the XYZ color 55.8547, 27.3451, 88.7205.



This preview shows how white text looks on a background with the XYZ color 55.8547, 27.3451,

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

55.8547, 27.3451, 88.7205

Protanopia

31.2658, 27.9546, 98.3556

Deuteranopia

28.4198, 27.5822, 78.6889



Tritanopia

40.7981, 27.2273, 16.2018

Trichromacy



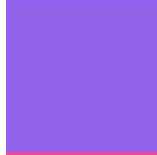
Original Color

55.8547, 27.3451, 88.7205



Protanomaly

33.3643, 21.5342, 93.6648



Deuteranomaly

31.6700, 21.2177, 81.0235



Tritanomaly

43.7662, 25.2238, 33.5723

Monochromacy



Original Color

55.8547, 27.3451, 88.7205



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

24.9380, 16.5714, 36.5346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8547, 27.3451, 88.7205 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(249, 23, 245)` looks like.

```
.text, #text, p{  
    color:rgb(249, 23, 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(249, 23, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 23, 245) }
```

Border

The CSS property to change the border of an element to XYZ 55.8547, 27.3451, 88.7205 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(249, 23, 245) }
```


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

```
.border{ border-color:rgb(249, 23, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 23, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 23, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 23, 245);  
box-shadow:4px 4px 4px 4px rgb(249, 23,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8547, 27.3451, 88.7205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 23, 245) }
```

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

```
.background{ background-color: rgb(249, 23,  
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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