

Converting Colors

XYZ(52.9276, 26.0007, 84.1091)

Have a look what the booklet for
XYZ(52.9276, 26.0007, 84.1091)
contains.

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Color

**XYZ(52.8898, 25.9819,
83.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	F319EF
RGB	243, 25, 239
RGB Percent	95%, 10%, 94%
CMY	0.0471, 0.9019, 0.0627
CMYK	0.00, 0.90, 0.02, 0.05
HSL	301°, 90%, 53%
HSV	301°, 90%, 95%
XYZ	52.8898, 25.9819, 83.8888
YIQ	114.5780, 61.2340, 112.7700

Conversions

Conversions Part 2

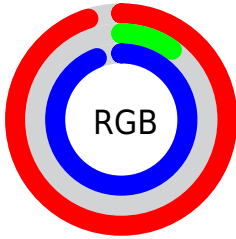
Format	Color
R _Y B	243, 25, 239
Decimal	15931887
CIE Lab	58.02, 92.21, -55.73
CIE LCh	58, 107.739, 328.852
Yxy	25.9819, 0.3250, 0.1596
Android (android.graphics.Color)	4294121967 (0xFFFF319EF)
YUV	114.5780, 61.3400, 112.6261
Hunter-Lab	50.9724, 96.0126, -61.8969

Details

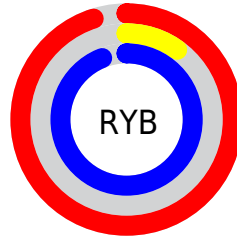
The XYZ color **52.8898, 25.9819, 83.8888** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **32.6745, 64.3979, 11.8717**, and the grayscale version is **15.9797, 16.8119, 18.3081**.

A 20% lighter version of the original color is **64.6526, 39.2051, 98.7675**, and **27.7349, 13.3225, 45.3657** is the 20% darker color. If you saturate the color by 10%, you get **52.4848, 25.2763, 83.4292**, and if you desaturate by 10%, it is **53.7205, 27.5369, 84.4914**.

Distribution



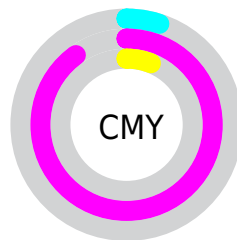
- Red (95%)
- Green (10%)
- Blue (94%)



- Red (95%)
- Yellow (10%)
- Blue (94%)



- Cyan (0%)
- Magenta (90%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (90%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8898, 25.9819, 83.8888 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 52.8898, 25.9819, 83.8888 by changing the saturation by 10% instead.


 52.8898, 25.9819,
83.8888


 52.8898, 25.9819,
83.8888

388.1300,
282.6932, 527.9923


 37.9419, 16.8101,
62.3788

 93.6087, 53.2457,
140.6800


 26.1146, 10.0992,
44.9011


 120.1104, 72.1066,
176.7982


 17.0425, 5.4648,
31.0371


 151.1941, 94.9659,
218.6228

 10.3603, 2.5225,
20.3684

 187.2252,
122.2080, 266.5725

 5.7026, 0.8878,
12.4764

 228.5689,
154.2175, 321.0658

 2.7040, 0.0000,
6.9425

275.5907,

 0.9993, 0.0000,

191.3785, 382.5211

3.3483

328.6560,
234.0757, 451.3571

■ 0.0000, 0.0000,
1.2751

■ 0.0000, 0.0000,
0.0413

■ 52.8898, 25.9819,
83.8888

■ 52.8898, 25.9819,
83.8888

■ 52.4848, 25.2763,
83.4292

■ 53.7205, 27.5369,
84.4914

■ 52.4750, 25.2599,
83.4164

■ 55.0984, 30.1869,
85.2771

■ 57.1015, 34.0869,
86.2719

■ 59.7944, 39.3663,
87.4975

63.2337, 46.1383,
88.9727

67.4703, 54.5046,
90.7144

72.5504, 64.5576,
92.7382

78.5169, 76.3831,
95.0582

85.4095, 90.0607,
97.6877

Harmonies

Analogous

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



38.8412, 25.9819, 148.8837



52.8898, 25.9819, 83.8888



59.1026, 25.9819, 29.7498

Triad

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



52.8898, 25.9819, 83.8888



25.1997, 25.9819, 0.0000



8.6249, 25.9819, 78.8608

Complementary

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



52.8898, 25.9819, 83.8888



32.6745, 64.3979, 11.8717

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.



7.1768, 25.9819, 26.8785



52.8898, 25.9819, 83.8888



14.4832, 25.9819, 0.3963

Square

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



52.8898, 25.9819, 83.8888



40.0272, 25.9819, 0.5472



8.8759, 25.9819, 5.0573



13.8833, 25.9819, 144.5826

Rectangle

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



52.8898, 25.9819, 83.8888



56.7425, 25.9819, 10.8797



8.8759, 25.9819, 5.0573



7.7796, 25.9819, 58.3308

Sweetspot

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



52.8908, 25.9831, 83.8893



76.6777, 63.5799, 101.7754



17.0229, 7.4235, 85.3310



16.0256, 12.8442, 21.6283



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.



52.8908, 25.9831, 83.8893



58.5454, 28.1822, 93.0592



41.3655, 21.3730, 23.1975



17.1997, 16.7627, 20.7984



28.8056, 13.8657, 45.8123



2.5359, 1.2203, 4.0482

Inverse Universe

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



52.8908, 25.9831, 83.8893



58.5454, 28.1822, 93.0592



37.0142, 66.1338, 34.7240



17.1997, 16.7627, 20.7984



28.8056, 13.8657, 45.8123



2.5359, 1.2203, 4.0482

Previews

White Background



This preview shows how the XYZ color 52.8898, 25.9819, 83.8888 looks on a white background.

Color Contrast Check

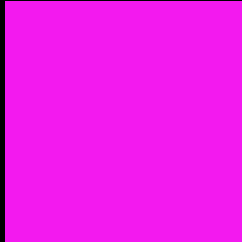
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8898, 25.9819, 83.8888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

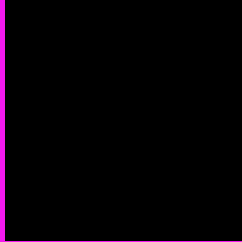
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.8898, 25.9819, 83.8888

Background



This preview shows how black text looks on a background with the XYZ color 52.8898, 25.9819, 83.8888.



This preview shows how white text looks on a background with the XYZ color 52.8898, 25.9819,

83.8888.

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

52.8898, 25.9819, 83.8888

Protanopia

29.9960, 26.4480, 98.1318

Deuteranopia

27.1851, 26.3661, 74.8905



Tritanopia

38.5761, 25.8190, 15.5208

Trichromacy



Original Color

52.8898, 25.9819, 83.8888



Protanomaly

31.7630, 20.6086, 91.9263



Deuteranomaly

30.5047, 20.5595, 77.2235



Tritanomaly

41.4619, 23.9710, 32.1473

Monochromacy



Original Color

52.8898, 25.9819, 83.8888



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

24.2627, 16.2540, 35.1163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8898, 25.9819, 83.8888 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(243, 25, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 25, 239)  
}
```

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(243, 25, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 25, 239) }
```

Border

The CSS property to change the border of an element to XYZ 52.8898, 25.9819, 83.8888 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(243, 25, 239) }
```


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

```
.border{ border-color:rgb(243, 25, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 25, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 25, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 25, 239);  
box-shadow:4px 4px 4px 4px rgb(243, 25,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8898, 25.9819, 83.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 25, 239) }
```

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

```
.background{ background-color: rgb(243, 25,  
239) }
```

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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