

Converting Colors

XYZ(56.8876, 27.3088, 95.2162)

Have a look what the booklet for
XYZ(56.8876, 27.3088, 95.2162)
contains.

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Color

**XYZ(56.8183, 27.2750,
95.1985)**

Conversions

Conversions Part 1

Format	Color
Hex	F902FD
RGB	249, 2, 253
RGB Percent	98%, 1%, 99%
CMY	0.0235, 0.9920, 0.0078
CMYK	0.02, 0.99, 0.00, 0.01
HSL	299°, 98%, 50%
HSV	299°, 99%, 99%
XYZ	56.8183, 27.2750, 95.1985
YIQ	104.4670, 66.6410, 130.4250

Conversions

Conversions Part 2

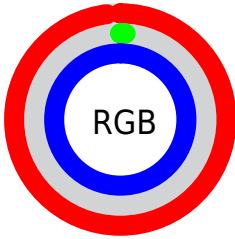
Format	Color
R _Y B	249, 2, 253
Decimal	16319229
CIE Lab	59.23, 96.94, -61.54
CIE LCh	59, 114.824, 327.591
Yxy	27.2750, 0.3169, 0.1521
Android (android.graphics.Color)	4294509309 (0xFFFF902FD)
YUV	104.4670, 73.2268, 126.7554
Hunter-Lab	52.2255, 102.8031, -71.5181

Details

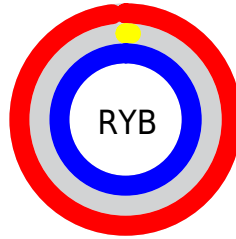
The XYZ color **56.8183, 27.2750, 95.1985** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **35.2122, 70.2943, 11.7709**, and the grayscale version is **13.0870, 13.7685, 14.9939**.

A 20% lighter version of the original color is **64.3416, 38.5832, 98.6639**, and **30.3438, 14.5049, 52.8302** is the 20% darker color. If you saturate the color by 10%, you get **56.7857, 27.2260, 95.1911**, and if you desaturate by 10%, it is **57.3409, 28.1057, 95.3317**.

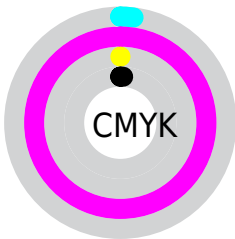
Distribution



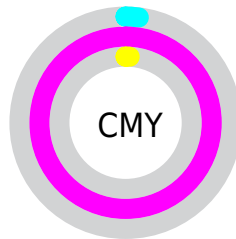
- Red (98%)
- Green (1%)
- Blue (99%)



- Red (98%)
- Yellow (1%)
- Blue (99%)



- Cyan (2%)
- Magenta (99%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (99%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8183, 27.2750, 95.1985 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 56.8183, 27.2750, 95.1985 by changing the saturation by 10% instead.

 56.8183, 27.2750,
95.1985

 56.8183, 27.2750,
95.1985

402.7933,
288.9862, 565.8008


 41.0989, 17.7799,
71.7024

 99.3329, 55.3248,
156.5367

 28.5844, 10.7921,
52.4303


 126.8589, 74.6483,
195.2160


 18.9094, 5.9272,
36.9635


 159.0511, 98.0167,
239.7933

 11.7084, 2.8009,
24.8837

 196.2749,
125.8144, 290.6873

 6.6162, 1.0287,
15.7722

 238.8957,
158.4258, 348.3166

 3.2675, 0.0000,
9.2105

287.2788,

 1.2967, 0.0000,

196.2353, 413.0995

4.7800

341.7895,
239.6273, 485.4548

■ 0.1808, 0.0000,
2.0623

■ 0.0000, 0.0000,
0.5932

■ 56.8183, 27.2750,
95.1985

■ 56.8183, 27.2750,
95.1985

■ 56.7857, 27.2260,
95.1911

■ 57.3409, 28.1057,
95.3317

■ 58.3421, 29.8940,
95.6241

■ 59.9499, 32.8953,
96.1186

■ 62.2488, 37.2780,
96.8434

■ 65.3095, 43.1841,
97.8221

■ 69.1944, 50.7380,
99.0754

■ 73.9591, 60.0511,
100.6219

■ 79.6546, 71.2253,
102.4785

■ 86.3278, 84.3546,
104.6610

Harmonies

Analogous

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



40.8860, 27.2750, 168.7897



56.8183, 27.2750, 95.1985



64.3228, 27.2750, 33.1373

Triad

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



56.8183, 27.2750, 95.1985



27.0987, 27.2750, 0.0000



8.3749, 27.2750, 83.2547

Complementary

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



56.8183, 27.2750, 95.1985



35.2122, 70.2943, 11.7709

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.



6.9953, 27.2750, 26.5050



56.8183, 27.2750, 95.1985



15.1462, 27.2750, 0.0246

Square

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



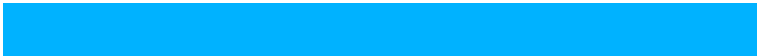
56.8183, 27.2750, 95.1985



43.6627, 27.2750, 0.3620



8.9317, 27.2750, 4.3105



13.7880, 27.2750, 158.4520

Rectangle

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



56.8183, 27.2750, 95.1985



62.0347, 27.2750, 11.6694



8.9317, 27.2750, 4.3105



7.5363, 27.2750, 60.4820

Sweetspot

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



56.8194, 27.2763, 95.1990



74.8630, 60.2897, 102.2991



17.8228, 7.2401, 93.3870



15.5686, 12.0141, 21.7483



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.



56.8194, 27.2763, 95.1990



57.8110, 27.7175, 96.9108



44.6749, 22.5849, 23.7281



18.7624, 18.2848, 22.7904



30.2205, 14.4897, 50.6386



2.9513, 1.4154, 4.9309

Inverse Universe

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



40.5634, 20.9403, 2.0774



41.2623, 21.2689, 2.0472



38.7473, 71.7026, 30.6477



18.0211, 17.9918, 18.7285



21.5655, 11.1155, 1.0964



2.1037, 1.0839, 0.1275

Previews

White Background



This preview shows how the XYZ color 56.8183, 27.2750, 95.1985 looks on a white background.

Color Contrast Check

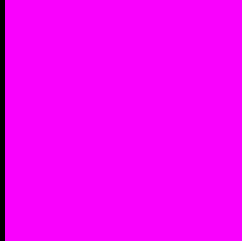
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.8183, 27.2750, 95.1985 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 56.8183, 27.2750, 95.1985

Background



This preview shows how black text looks on a background with the XYZ color 56.8183, 27.2750, 95.1985.



This preview shows how white text looks on a background with the XYZ color 56.8183, 27.2750,

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

56.8183, 27.2750, 95.1985

Protanopia

31.2658, 27.9546, 98.3556

Deuteranopia

28.7992, 27.8689, 84.7503



Tritanopia

40.6676, 27.2879, 16.7593

Trichromacy



Original Color

56.8183, 27.2750, 95.1985



Protanomaly

33.2226, 20.4878, 95.9695



Deuteranomaly

31.1601, 19.8761, 86.9882



Tritanomaly

43.6880, 24.5207, 35.2312

Monochromacy



Original Color

56.8183, 27.2750, 95.1985



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

22.0833, 13.6510, 33.8187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8183, 27.2750, 95.1985 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, 2, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 2, 253)  
}
```

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, 2, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 2, 253) }
```

Border

The CSS property to change the border of an element to XYZ 56.8183, 27.2750, 95.1985 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, 2, 253) }
```


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

```
.border{ border-color:rgb(249, 2, 253) }
```

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

Here you see how a box with a 4 pixel rgb(249, 2, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 2, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 2, 253);  
box-shadow:4px 4px 4px 4px rgb(249, 2,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8183, 27.2750, 95.1985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 2, 253) }
```

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

```
.background{ background-color: rgb(249, 2,  
253) }
```

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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