

Converting Colors

XYZ(56.1582, 27.0277, 89.9094)

Have a look what the booklet for
XYZ(56.1582, 27.0277, 89.9094)
contains.

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Color

**XYZ(56.2237, 27.0611,
90.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	FA01F7
RGB	250, 1, 247
RGB Percent	98%, 0%, 97%
CMY	0.0196, 0.9959, 0.0314
CMYK	0.00, 1.00, 0.01, 0.02
HSL	301°, 99%, 49%
HSV	301°, 100%, 98%
XYZ	56.2237, 27.0611, 90.2557
YIQ	103.4950, 69.4380, 129.2940

Conversions

Conversions Part 2

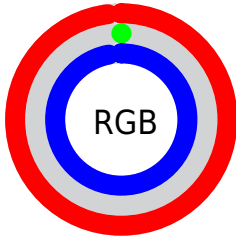
Format	Color
R_{YB}	250, 1, 247
Decimal	16384503
CIE _{Lab}	59.03, 96.32, -58.51
CIE _{LCh}	59, 112.695, 328.721
Yxy	27.0611, 0.3240, 0.1559
Android (android.graphics.Color)	4294574583 (0xFFFA01F7)
YUV	103.4950, 70.7480, 128.4849
Hunter-Lab	52.0203, 101.8879, -66.4545

Details

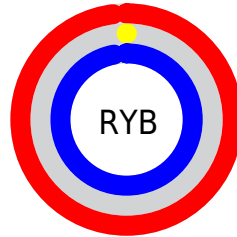
The XYZ color **56.2237, 27.0611, 90.2557** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **34.2213, 68.3878, 11.5127**, and the grayscale version is **12.8355, 13.5040, 14.7058**.

A 20% lighter version of the original color is **64.2403, 38.3806, 98.6301**, and **30.0333, 14.4091, 49.9135** is the 20% darker color. If you saturate the color by 10%, you get **56.2115, 27.0389, 90.2422**, and if you desaturate by 10%, it is **56.6304, 27.7991, 90.6211**.

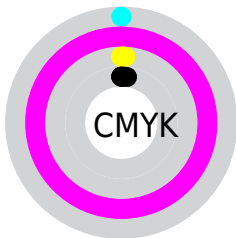
Distribution



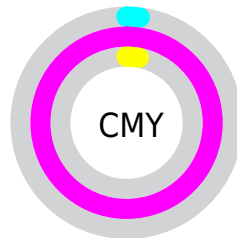
- Red (98%)
- Green (0%)
- Blue (97%)



- Red (98%)
- Yellow (0%)
- Blue (97%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2237, 27.0611, 90.2557 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 56.2237, 27.0611, 90.2557 by changing the saturation by 10% instead.


 56.2237, 27.0611,
90.2557

 56.2237, 27.0611,
90.2557

400.5954,
287.9528, 549.4538

 40.6200, 17.6191,
67.6178


 98.4695, 54.9819,
149.6321


 28.2086, 10.6769,
49.1221

 125.8423, 74.2295,
187.2078


 18.6243, 5.8500,
34.3501


 157.8689, 97.5144,
230.5998

 11.5015, 2.7541,
22.8831

 194.9145,
125.2211, 280.2267

 6.4750, 1.0047,
14.3028

 237.3447,
157.7339, 336.5070

 3.1794, 0.0000,
8.1904

285.5246,

 1.2493, 0.0000,

195.4371, 399.8592

4.1275

339.8197,
238.7153, 470.7020

■ 0.1448, 0.0000,
1.6955

■ 0.0000, 0.0000,
0.3577

■ 56.2237, 27.0611,
90.2557

■ 56.2237, 27.0611,
90.2557

■ 56.2115, 27.0389,
90.2422

■ 56.6304, 27.7991,
90.6211

■ 57.4924, 29.4485,
91.1384

■ 58.9409, 32.2706,
91.8517

■ 61.0581, 36.4304,
92.7882

63.9136, 42.0662,
93.9711

67.5678, 49.2995,
95.4207

72.0751, 58.2390,
97.1550

77.4852, 68.9838,
99.1906

83.8438, 81.6257,
101.5428

Harmonies

Analogous

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



40.9263, 27.0611, 161.7254



56.2237, 27.0611, 90.2557



63.0542, 27.0611, 31.2168

Triad

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



56.2237, 27.0611, 90.2557



26.3254, 27.0611, 0.0000



8.6126, 27.0611, 84.1231

Complementary

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



56.2237, 27.0611, 90.2557



34.2213, 68.3878, 11.5127

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.



7.1167, 27.0611, 27.7799



56.2237, 27.0611, 90.2557



14.8426, 27.0611, 0.2061

Square

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



56.2237, 27.0611, 90.2557



42.3590, 27.0611, 0.3819



8.9052, 27.0611, 4.8410



14.1339, 27.0611, 156.4376

Rectangle

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



56.2237, 27.0611, 90.2557



60.5147, 27.0611, 11.0156



8.9052, 27.0611, 4.8410



7.7351, 27.0611, 61.7361

Sweetspot

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



56.2248, 27.0624, 90.2562



75.1619, 60.4609, 101.5399



17.2800, 6.9316, 90.8710



15.6416, 12.0559, 21.5631



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.



56.2248, 27.0624, 90.2562



58.7990, 28.2836, 94.3942



43.1714, 21.8410, 21.5179



17.9835, 17.5208, 21.7689



29.8201, 14.3438, 47.8887



2.7647, 1.3296, 4.4502

Inverse Universe

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



56.2248, 27.0624, 90.2562



58.7990, 28.2836, 94.3942



37.9343, 69.8730, 31.0650



17.9835, 17.5208, 21.7689



29.8201, 14.3438, 47.8887



2.7647, 1.3296, 4.4502

Previews

White Background



This preview shows how the XYZ color 56.2237, 27.0611, 90.2557 looks on a white background.

Color Contrast Check

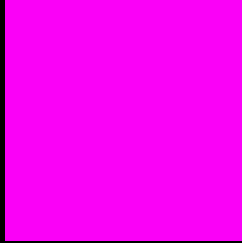
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.2237, 27.0611, 90.2557 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 56.2237, 27.0611, 90.2557

Background



This preview shows how black text looks on a background with the XYZ color 56.2237, 27.0611, 90.2557.



This preview shows how white text looks on a background with the XYZ color 56.2237, 27.0611,

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

56.2237, 27.0611, 90.2557

Protanopia

31.2658, 27.9546, 98.3556

Deuteranopia

28.5078, 27.5950, 80.1678



Tritanopia

40.9838, 27.1908, 15.9202

Trichromacy



Original Color

56.2237, 27.0611, 90.2557



Protanomaly

32.9971, 20.2840, 94.2715



Deuteranomaly

31.2399, 19.8925, 82.3139



Tritanomaly

43.5742, 24.3371, 33.4113

Monochromacy



Original Color

56.2237, 27.0611, 90.2557



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

21.9125, 13.5827, 32.9193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2237, 27.0611, 90.2557 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(250, 1, 247)` looks like.

```
.text, #text, p{  
    color:rgb(250, 1, 247)  
}
```

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(250, 1, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 1, 247) }
```

Border

The CSS property to change the border of an element to XYZ 56.2237, 27.0611, 90.2557 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(250, 1, 247) }
```


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

```
.border{ border-color:rgb(250, 1, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 1, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 1, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 1, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 1,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2237, 27.0611, 90.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 1, 247) }
```

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

```
.background{ background-color: rgb(250, 1,  
247) }
```

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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