

Converting Colors

XYZ(55.3156, 26.6035, 92.6620)

Have a look what the booklet for
XYZ(55.3156, 26.6035, 92.6620)
contains.

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Color

**XYZ(55.3156, 26.6035,
92.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	F605FA
RGB	246, 5, 250
RGB Percent	96%, 2%, 98%
CMY	0.0353, 0.9802, 0.0196
CMYK	0.02, 0.98, 0.00, 0.02
HSL	299°, 96%, 50%
HSV	299°, 98%, 98%
XYZ	55.3156, 26.6035, 92.6620
YIQ	104.9890, 64.9910, 127.2870

Conversions

Conversions Part 2

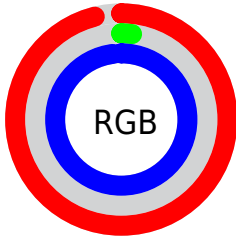
Format	Color
R _Y B	246, 5, 250
Decimal	16123386
CIE Lab	58.61, 95.88, -60.90
CIE LCh	59, 113.583, 327.577
Yxy	26.6035, 0.3168, 0.1524
Android (android.graphics.Color)	4294313466 (0xFFFF605FA)
YUV	104.9890, 71.4904, 123.6666
Hunter-Lab	51.5786, 101.1703, -70.4107

Details

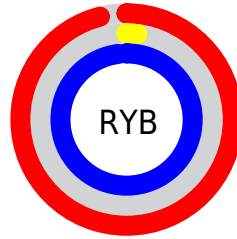
The XYZ color **55.3156, 26.6035, 92.6620** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **34.3265, 68.4409, 11.5460**, and the grayscale version is **13.2317, 13.9208, 15.1597**.

A 20% lighter version of the original color is **64.2403, 38.3806, 98.6301**, and **29.6332, 14.1645, 51.6243** is the 20% darker color. If you saturate the color by 10%, you get **55.2331, 26.4804, 92.6429**, and if you desaturate by 10%, it is **55.8706, 27.4998, 92.8061**.

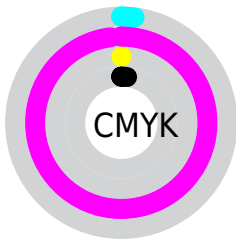
Distribution



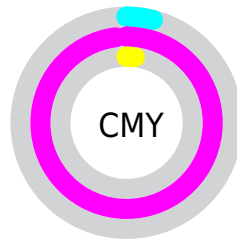
- Red (96%)
- Green (2%)
- Blue (98%)



- Red (96%)
- Yellow (2%)
- Blue (98%)



- Cyan (2%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (98%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3156, 26.6035, 92.6620 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 55.3156, 26.6035, 92.6620 by changing the saturation by 10% instead.


 55.3156, 26.6035,
92.6620


 55.3156, 26.6035,
92.6620


397.2241,
285.7322, 557.4447

 39.8893, 17.2757,
69.6045

 97.1488, 54.2470,
152.9982


 27.6361, 10.4312,
50.7294


 124.2865, 73.3314,
191.1140

 18.1906, 5.6858,
35.6180


 156.0586, 96.4367,
235.0864

 11.1874, 2.6550,
23.8520

 192.8306,
123.9475, 285.3338

 6.2612, 0.9544,
15.0127

 234.9678,
156.2480, 342.2747

 3.0467, 0.0000,
8.6816

282.8355,

 1.1785, 0.0000,

193.7227, 406.3279

4.4401

336.7992,
236.7560, 477.9117

■ 0.0893, 0.0000,
1.8698

■ 0.0000, 0.0000,
0.4734

■ 55.3156, 26.6035,
92.6620

■ 55.3156, 26.6035,
92.6620

■ 55.2331, 26.4804,
92.6429

■ 55.8706, 27.4998,
92.8061

■ 56.9171, 29.3796,
93.1138

■ 58.5646, 32.4609,
93.6217

■ 60.8930, 36.9035,
94.3565

■ 63.9700, 42.8428,
95.3407

■ 67.8550, 50.3977,
96.5942

■ 72.6016, 59.6754,
98.1348

■ 78.2588, 70.7737,
99.9788

■ 84.8718, 83.7832,
102.1414

Harmonies

Analogous

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



39.8282, 26.6035, 164.1091



55.3156, 26.6035, 92.6620



62.6132, 26.6035, 32.3337

Triad

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



55.3156, 26.6035, 92.6620



26.4357, 26.6035, 0.0000



8.1959, 26.6035, 80.9897

Complementary

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



55.3156, 26.6035, 92.6620



34.3265, 68.4409, 11.5460

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.



6.8519, 26.6035, 25.8420



55.3156, 26.6035, 92.6620



14.7998, 26.6035, 0.0255

Square

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



55.3156, 26.6035, 92.6620



42.5439, 26.6035, 0.3613



8.7421, 26.6035, 4.2289



13.4689, 26.6035, 154.0130

Rectangle

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



55.3156, 26.6035, 92.6620



60.3942, 26.6035, 11.4241



8.7421, 26.6035, 4.2289



7.3786, 26.6035, 58.8676

Sweetspot

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



55.3167, 26.6047, 92.6625



75.3813, 61.3198, 102.4706



17.4175, 7.1328, 90.9016



15.6655, 12.2073, 21.7805



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.



55.3167, 26.6047, 92.6625



57.7751, 27.6990, 96.9091



43.6170, 22.0886, 23.6526



17.9634, 17.5093, 21.8181



29.3102, 14.0526, 49.1412



2.7233, 1.3060, 4.5517

Inverse Universe

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



39.5287, 20.4533, 2.1241



41.2628, 21.2691, 2.0501



37.8515, 69.8451, 30.3696



17.2561, 17.2298, 17.9385



20.9288, 10.7872, 1.0675



1.9423, 1.0006, 0.1195

Previews

White Background



This preview shows how the XYZ color 55.3156, 26.6035, 92.6620 looks on a white background.

Color Contrast Check

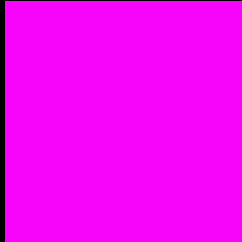
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.3156, 26.6035, 92.6620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

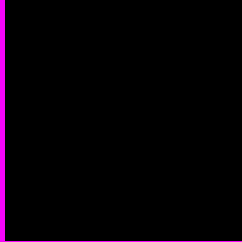
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 55.3156, 26.6035, 92.6620

Background



This preview shows how black text looks on a background with the XYZ color 55.3156, 26.6035, 92.6620.



This preview shows how white text looks on a background with the XYZ color 55.3156, 26.6035,

92.6620.

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

55.3156, 26.6035, 92.6620

Protanopia

30.6182, 27.1908, 98.2423

Deuteranopia

28.1261, 27.3486, 82.3937



Tritanopia

39.5506, 26.5783, 16.4102

Trichromacy



Original Color

55.3156, 26.6035, 92.6620



Protanomaly

32.5411, 20.1550, 95.1037



Deuteranomaly

30.4577, 19.6954, 84.6344



Tritanomaly

42.5970, 23.9683, 34.7290

Monochromacy



Original Color

55.3156, 26.6035, 92.6620



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

22.0100, 13.7928, 33.8500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3156, 26.6035, 92.6620 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(246, 5, 250)` looks like.

```
.text, #text, p{  
    color:rgb(246, 5, 250)  
}
```

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(246, 5, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 5, 250) }
```

Border

The CSS property to change the border of an element to XYZ 55.3156, 26.6035, 92.6620 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(246, 5, 250) }
```


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

```
.border{ border-color:rgb(246, 5, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 5, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 5, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 5, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 5,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3156, 26.6035, 92.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 5, 250) }
```

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

```
.background{ background-color: rgb(246, 5,  
250) }
```

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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