

Converting Colors

XYZ(51.5902, 25.6779, 55.5922)

Have a look what the booklet for
XYZ(51.5902, 25.6779, 55.5922)
contains.

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Color

**XYZ(51.6039, 25.6789,
55.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0FC6
RGB	255, 15, 198
RGB Percent	100%, 6%, 78%
CMY	0.0000, 0.9410, 0.2235
CMYK	0.00, 0.94, 0.22, 0.00
HSL	314°, 100%, 53%
HSV	314°, 94%, 100%
XYZ	51.6039, 25.6789, 55.6628
YIQ	107.6220, 84.2970, 107.7930

Conversions

Conversions Part 2

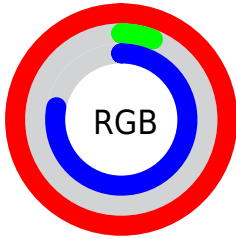
Format	Color
R _Y B	255, 15, 198
Decimal	16715718
CIE _{Lab}	57.73, 90.09, -32.80
CIE _{LCh}	58, 95.875, 339.997
Yxy	25.6789, 0.3882, 0.1932
Android (android.graphics.Color)	4294905798 (0xFFFF0FC6)
YUV	107.6220, 44.5564, 129.2505
Hunter-Lab	50.6744, 93.0942, -29.6545

Details

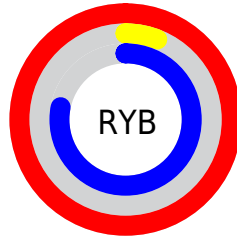
The XYZ color **51.6039, 25.6789, 55.6628** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **37.1289, 72.0904, 18.0964**, and the grayscale version is **14.0184, 14.7484, 16.0610**.

A 20% lighter version of the original color is **64.3416, 38.5832, 98.6639**, and **27.0264, 13.3511, 27.5381** is the 20% darker color. If you saturate the color by 10%, you get **51.0256, 25.1742, 53.4603**, and if you desaturate by 10%, it is **52.9233, 27.1770, 59.6194**.

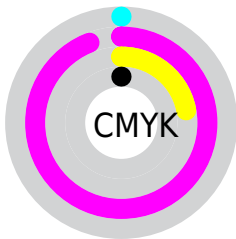
Distribution



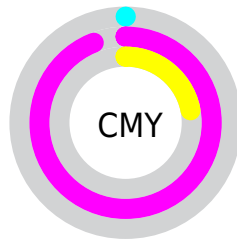
- Red (100%)
- Green (6%)
- Blue (78%)



- Red (100%)
- Yellow (6%)
- Blue (78%)



- Cyan (0%)
- Magenta (94%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6039, 25.6789, 55.6628 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 51.6039, 25.6789, 55.6628 by changing the saturation by 10% instead.


 51.6039, 25.6789,
55.6628

 51.6039, 25.6789,
55.6628


383.2546,
281.2022, 425.7720

 36.9124, 16.5836,
39.5305


 91.7245, 52.7565,
99.9923


 25.3131, 9.9380,
26.8616


 117.8844, 71.5075,
129.0264


 16.4404, 5.3579,
17.2378


 148.5977, 94.2459,
163.1983

 9.9292, 2.4587,
10.2404

 184.2300,
121.3561, 202.9264

 5.4139, 0.8559,
5.4510

 225.1464,
153.2224, 248.6293

 2.5293, 0.0000,
2.4509

271.7124,

 0.9101, 0.0000,

190.2293, 300.7255

0.8140

324.2934,
232.7611, 359.6336

■ 0.0000, 0.0000,
0.0000

■ 51.6039, 25.6789,
55.6628

■ 51.6039, 25.6789,
55.6628

■ 51.0256, 25.1742,
53.4603

■ 52.9233, 27.1770,
59.6194

■ 54.8380, 29.8206,
63.9136

■ 57.4448, 33.8025,
68.5795

■ 60.8222, 39.2793,
73.6448

■ 65.0378, 46.3859,
79.1334

70.1517, 55.2422,
85.0670

76.2186, 65.9564,
91.4651

83.2883, 78.6285,
98.3457

91.4075, 93.3508,
105.7260

Harmonies

Analogous

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



41.5358, 25.6789, 109.8173



51.6039, 25.6789, 55.6628



53.2640, 25.6789, 18.3529

Triad

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



51.6039, 25.6789, 55.6628



20.7697, 25.6789, 0.3577



11.0945, 25.6789, 91.5176

Complementary

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



51.6039, 25.6789, 55.6628



37.1289, 72.0904, 18.0964

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.



8.4761, 25.6789, 40.4427



51.6039, 25.6789, 55.6628



12.7843, 25.6789, 2.1046

Square

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



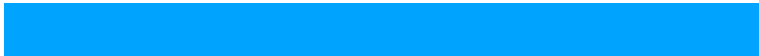
51.6039, 25.6789, 55.6628



32.7696, 25.6789, 0.6603



8.9784, 25.6789, 11.4228



17.6039, 25.6789, 139.4873

Rectangle

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



51.6039, 25.6789, 55.6628



48.9709, 25.6789, 6.7587



8.9784, 25.6789, 11.4228



9.8395, 25.6789, 73.0130

Sweetspot

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



51.6045, 25.6802, 55.6632



73.7359, 61.5504, 88.9134



20.8225, 8.9038, 95.2289



15.2318, 12.2036, 18.4448



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.



51.6045, 25.6802, 55.6632



51.0256, 25.1742, 53.4603



42.8239, 22.1679, 9.4252



18.5973, 18.2222, 21.7625



26.7231, 13.1785, 28.2560



2.6442, 1.3001, 2.9740

Inverse Universe

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



51.6045, 25.6802, 55.6632



51.0256, 25.1742, 53.4603



45.3630, 75.3840, 61.4568



18.5973, 18.2222, 21.7625



26.7231, 13.1785, 28.2560



2.6442, 1.3001, 2.9740

Previews

White Background



This preview shows how the XYZ color 51.6039, 25.6789, 55.6628 looks on a white background.

Color Contrast Check

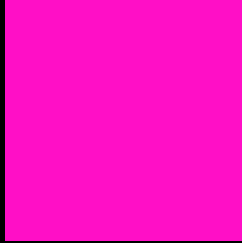
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6039, 25.6789, 55.6628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

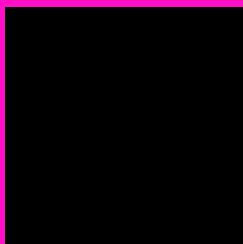
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 51.6039, 25.6789, 55.6628

Background



This preview shows how black text looks on a background with the XYZ color 51.6039, 25.6789, 55.6628.



This preview shows how white text looks on a background with the XYZ color 51.6039, 25.6789,

55.6628.

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

51.6039, 25.6789, 55.6628

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

26.4550, 25.9061, 49.5050



Tritanopia

42.3634, 25.8093, 10.9325

Trichromacy



Original Color

51.6039, 25.6789, 55.6628



Protanomaly

30.0061, 19.4344, 80.0116



Deuteranomaly

30.6642, 20.5451, 51.0646



Tritanomaly

44.1828, 24.4488, 21.7924

Monochromacy



Original Color

51.6039, 25.6789, 55.6628



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

21.9544, 14.3977, 26.8212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6039, 25.6789, 55.6628 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(255, 15, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 198)  
}
```

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(255, 15, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.6039, 25.6789, 55.6628 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(255, 15, 198) }
```


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

```
.border{ border-color:rgb(255, 15, 198) }
```

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

Here you see how a box with a 4 pixel rgb(255, 15, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6039, 25.6789, 55.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 198) }
```

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

```
.background{ background-color: rgb(255, 15,  
198) }
```

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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