

Converting Colors

XYZ(55.4113, 31.8698, 61.3218)

Have a look what the booklet for
XYZ(55.4113, 31.8698, 61.3218)
contains.

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Color

**XYZ(55.4738, 31.9027,
61.6266)**

Conversions

Conversions Part 1

Format	Color
Hex	FF53CE
RGB	255, 83, 206
RGB Percent	100%, 33%, 81%
CMY	0.0000, 0.6745, 0.1922
CMYK	0.00, 0.67, 0.19, 0.00
HSL	317°, 100%, 66%
HSV	317°, 67%, 100%
XYZ	55.4738, 31.9027, 61.6266
YIQ	148.4500, 63.0290, 74.7170

Conversions

Conversions Part 2

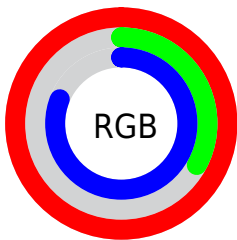
Format	Color
R _{YB}	255, 83, 206
Decimal	16733134
CIE _{Lab}	63.26, 76.20, -28.78
CIE _{LCh}	63, 81.454, 339.311
Y _{xy}	31.9027, 0.3723, 0.2141
Android (android.graphics.Color)	4294923214 (0xFFFF53CE)
YUV	148.4500, 28.3722, 93.4444
Hunter-Lab	56.4825, 76.4680, -25.1521

Details

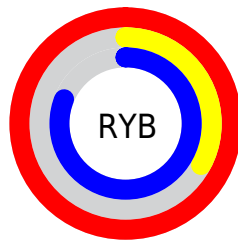
The XYZ color **55.4738, 31.9027, 61.6266** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **43.4935, 75.0256, 34.0219**, and the grayscale version is **28.2045, 29.6733, 32.3142**.

A 20% lighter version of the original color is **69.2633, 48.4265, 100.3044**, and **27.8340, 13.7037, 30.4562** is the 20% darker color. If you saturate the color by 10%, you get **53.0066, 28.3481, 56.5501**, and if you desaturate by 10%, it is **58.7004, 36.9104, 67.1582**.

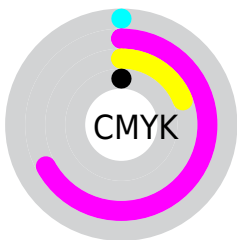
Distribution



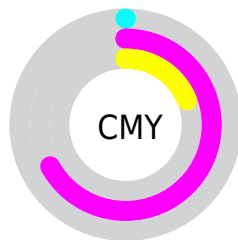
- Red (100%)
- Green (33%)
- Blue (81%)



- Red (100%)
- Yellow (33%)
- Blue (81%)



- Cyan (0%)
- Magenta (67%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4738, 31.9027, 61.6266 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 55.4738, 31.9027, 61.6266 by changing the saturation by 10% instead.


 55.4738, 31.9027,
61.6266


 55.4738, 31.9027,
61.6266

397.8127,
310.6758, 448.5377

 40.0165, 21.2872,
44.2972


 97.3791, 62.6585,
108.7520


 27.7357, 13.3341,
30.5653


 124.5578, 83.5676,
139.3852

 18.2660, 7.6590,
20.0124


 156.3744,
108.6767, 175.2900

 11.2419, 3.8775,
12.2199

 193.1942,
138.3702, 216.8849

 6.2983, 1.6053,
6.7693

235.3826,
173.0324, 264.5887

 3.0697, 0.3612,
3.2420

283.3049,

 1.1907, 0.0000,

213.0479, 318.8197

1.2195

337.3265,
258.8008, 379.9965

■ 0.0990, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4738, 31.9027,
61.6266

■ 55.4738, 31.9027,
61.6266

■ 53.0066, 28.3481,
56.5501

■ 58.7004, 36.9104,
67.1582

■ 51.2127, 26.0759,
51.8963

■ 62.7550, 43.5082,
73.1693

■ 49.9840, 24.8706,
47.6268

■ 67.7010, 51.8218,
79.6841

■ 49.7199, 24.6520,
46.5845

■ 73.5950, 61.9634,
86.7239

80.4884, 74.0354,
94.3084

88.4291, 88.1326,
102.4560

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



46.2423, 31.9027, 108.3647



55.4738, 31.9027, 61.6266



57.1553, 31.9027, 25.6253

Triad

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



55.4738, 31.9027, 61.6266



26.9473, 31.9027, 2.4260



16.4471, 31.9027, 90.8160

Complementary

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



55.4738, 31.9027, 61.6266



43.4935, 75.0256, 34.0219

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.



13.5607, 31.9027, 45.7860



55.4738, 31.9027, 61.6266



18.5534, 31.9027, 5.4344

Square

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



55.4738, 31.9027, 61.6266



38.6485, 31.9027, 3.0077



14.2220, 31.9027, 17.0888



23.2875, 31.9027, 131.2670

Rectangle

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



55.4738, 31.9027, 61.6266



53.4381, 31.9027, 12.3389



14.2220, 31.9027, 17.0888



15.0701, 31.9027, 74.8792

Sweetspot

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



55.4746, 31.9042, 61.6272



78.6310, 70.7650, 92.3196



30.6191, 18.2925, 96.5247



16.4092, 14.4081, 19.3004



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.



55.4746, 31.9042, 61.6272



52.2969, 27.4035, 54.8500



47.7408, 28.8107, 20.9014



18.5590, 18.2069, 21.5610



26.0472, 12.9082, 24.6968



2.5832, 1.2756, 2.6525

Inverse Universe

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



55.4746, 31.9042, 61.6272



52.2969, 27.4035, 54.8500



51.9484, 78.4075, 78.5444



18.5590, 18.2069, 21.5610



26.0472, 12.9082, 24.6968



2.5832, 1.2756, 2.6525

Previews

White Background



This preview shows how the XYZ color 55.4738, 31.9027, 61.6266 looks on a white background.

Color Contrast Check

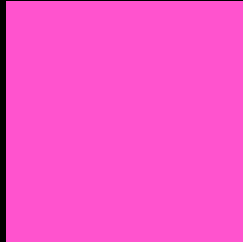
Large Text (above 18pt) WCAG AA × Fail

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 55.4738, 31.9027, 61.6266 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 ✓ Pass

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

XYZ 55.4738, 31.9027, 61.6266

Background



This preview shows how black text looks on a background with the XYZ color 55.4738, 31.9027, 61.6266.



This preview shows how white text looks on a background with the XYZ color 55.4738, 31.9027,

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

55.4738, 31.9027, 61.6266

Protanopia

35.3868, 32.3477, 98.9864

Deuteranopia

32.8845, 32.2297, 56.7123



Tritanopia

46.8727, 31.7602, 20.1829

Trichromacy



Original Color

55.4738, 31.9027, 61.6266



Protanomaly

37.8512, 28.8227, 83.6891



Deuteranomaly

38.1359, 29.5309, 58.3336



Tritanomaly

49.3110, 31.4176, 31.8990

Monochromacy



Original Color

55.4738, 31.9027, 61.6266



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

34.8626, 27.8447, 41.0732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4738, 31.9027, 61.6266 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, 83, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 206)  
}
```

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, 83, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.4738, 31.9027, 61.6266 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, 83, 206) }
```


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

```
.border{ border-color:rgb(255, 83, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 83, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 83,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4738, 31.9027, 61.6266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 206) }
```

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

```
.background{ background-color: rgb(255, 83,  
206) }
```

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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