

Converting Colors

XYZ(55.1916, 31.4447, 61.2040)

Have a look what the booklet for
XYZ(55.1916, 31.4447, 61.2040)
contains.

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Color

**XYZ(55.1281, 31.4051,
60.9138)**

Conversions

Conversions Part 1

Format	Color
Hex	FF50CD
RGB	255, 80, 205
RGB Percent	100%, 31%, 80%
CMY	0.0000, 0.6862, 0.1961
CMYK	0.00, 0.69, 0.20, 0.00
HSL	317°, 100%, 66%
HSV	317°, 69%, 100%
XYZ	55.1281, 31.4051, 60.9138
YIQ	146.5750, 64.1750, 75.9750

Conversions

Conversions Part 2

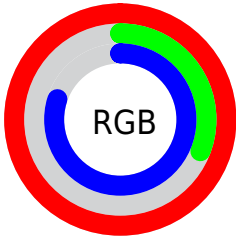
Format	Color
R _Y B	255, 80, 205
Decimal	16732365
CIE Lab	62.85, 77.12, -28.85
CIE LCh	63, 82.337, 339.488
Yxy	31.4051, 0.3739, 0.2130
Android (android.graphics.Color)	4294922445 (0xFFFF50CD)
YUV	146.5750, 28.8035, 95.0887
Hunter-Lab	56.0403, 77.5242, -25.2180

Details

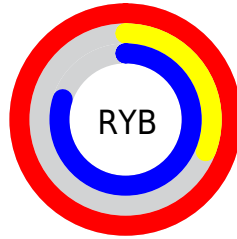
The XYZ color **55.1281, 31.4051, 60.9138** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **43.0990, 74.8379, 33.2960**, and the grayscale version is **27.4262, 28.8545, 31.4226**.

A 20% lighter version of the original color is **68.8149, 47.5298, 100.1550**, and **27.7532, 13.6713, 30.0302** is the 20% darker color. If you saturate the color by 10%, you get **52.7431, 28.0101, 55.8802**, and if you desaturate by 10%, it is **58.2635, 36.2353, 66.4003**.

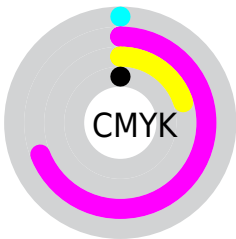
Distribution



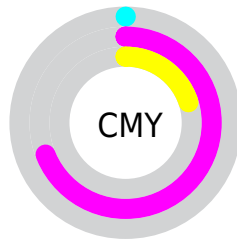
- Red (100%)
- Green (31%)
- Blue (80%)



- Red (100%)
- Yellow (31%)
- Blue (80%)



- Cyan (0%)
- Magenta (69%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (69%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1281, 31.4051, 60.9138 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 55.1281, 31.4051, 60.9138 by changing the saturation by 10% instead.


 55.1281, 31.4051,
60.9138


 55.1281, 31.4051,
60.9138


396.5258,
308.4003, 445.8557

 39.7385, 20.9075,
43.7255

 96.8758, 61.8773,
107.7104


 27.5180, 13.0564,
30.1192

 123.9647, 82.6207,
138.1558

 18.1013, 7.4674,
19.6762


 155.6841,
107.5482, 173.8574

 11.1228, 3.7561,
11.9782

 192.3994,
137.0441, 215.2336

 6.2174, 1.5381,
6.6065

234.4758,
171.4929, 262.7029

 3.0196, 0.3153,
3.1425

282.2788,

 1.1642, 0.0000,

211.2789, 316.6841

1.1679

336.1737,
256.7866, 377.5955

■ 0.0778, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1281, 31.4051,
60.9138

■ 55.1281, 31.4051,
60.9138

■ 52.7431, 28.0101,
55.8802

■ 58.2635, 36.2353,
66.4003

■ 51.0208, 25.8757,
51.2665

■ 62.2193, 42.6399,
72.3647

■ 49.8402, 24.7610,
47.0299

■ 67.0598, 50.7466,
78.8314

■ 49.6979, 24.6432,
46.4688

■ 72.8420, 60.6688,
85.8220

■ 79.6182, 72.5097,
93.3563

■ 87.4364, 86.3653,
101.4529

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.



45.8801, 31.4051, 108.0519



55.1281, 31.4051, 60.9138



56.7679, 31.4051, 24.9416

Triad

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



55.1281, 31.4051, 60.9138



26.4144, 31.4051, 2.2317



16.0419, 31.4051, 90.8767

Complementary

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



55.1281, 31.4051, 60.9138



43.0990, 74.8379, 33.2960

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.



13.1575, 31.4051, 45.4930



55.1281, 31.4051, 60.9138



18.0699, 31.4051, 5.1652

Square

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



55.1281, 31.4051, 60.9138



38.1152, 31.4051, 2.7709



13.7922, 31.4051, 16.7170



22.8747, 31.4051, 131.6402

Rectangle

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



55.1281, 31.4051, 60.9138



52.9964, 31.4051, 11.8230



13.7922, 31.4051, 16.7170



14.6677, 31.4051, 74.8027

Sweetspot

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



55.1289, 31.4066, 60.9144



77.9152, 69.5168, 91.5156



30.0626, 17.6723, 96.4344



16.2692, 14.1653, 19.1388



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.



55.1289, 31.4066, 60.9144



52.0922, 27.1578, 54.2771



47.3749, 28.3050, 20.0825



18.5584, 18.2067, 21.5575



26.0358, 12.9036, 24.6369



2.5822, 1.2752, 2.6470

Inverse Universe

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



55.1289, 31.4066, 60.9144



52.0922, 27.1578, 54.2771



51.6046, 78.2401, 78.0859



18.5584, 18.2067, 21.5575



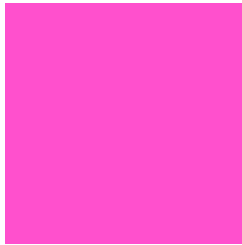
26.0358, 12.9036, 24.6369



2.5822, 1.2752, 2.6470

Previews

White Background



This preview shows how the XYZ color 55.1281, 31.4051, 60.9138 looks on a white background.

Color Contrast Check

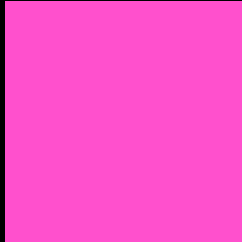
Large Text (above 18pt) WCAG AA × Fail

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 55.1281, 31.4051, 60.9138 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 55.1281, 31.4051, 60.9138

Background



This preview shows how black text looks on a background with the XYZ color 55.1281, 31.4051, 60.9138.



This preview shows how white text looks on a background with the XYZ color 55.1281, 31.4051,

60.9138.

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

55.1281, 31.4051, 60.9138

Protanopia

34.9818, 31.9030, 98.9219

Deuteranopia

32.2748, 31.4548, 56.0001



Tritanopia

46.4924, 31.2745, 19.2089

Trichromacy



Original Color

55.1281, 31.4051, 60.9138



Protanomaly

37.1917, 28.1068, 83.5857



Deuteranomaly

37.5240, 28.8531, 57.6243



Tritanomaly

48.8873, 30.9487, 30.5912

Monochromacy



Original Color

55.1281, 31.4051, 60.9138



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

34.4005, 27.4322, 40.5276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1281, 31.4051, 60.9138 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, 80, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 205)  
}
```

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, 80, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.1281, 31.4051, 60.9138 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, 80, 205) }
```


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

```
.border{ border-color:rgb(255, 80, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 80, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 80,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1281, 31.4051, 60.9138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 205) }
```

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

```
.background{ background-color: rgb(255, 80,  
205) }
```

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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