

Converting Colors

XYZ(55.4472, 31.5175, 67.1734)

Have a look what the booklet for
XYZ(55.4472, 31.5175, 67.1734)
contains.

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Color

**XYZ(55.3531, 31.4866,
67.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	FC51D7
RGB	252, 81, 215
RGB Percent	99%, 32%, 84%
CMY	0.0118, 0.6823, 0.1569
CMYK	0.00, 0.68, 0.15, 0.01
HSL	313°, 97%, 65%
HSV	313°, 68%, 99%
XYZ	55.3531, 31.4866, 67.4501
YIQ	147.4050, 58.9020, 77.9260

Conversions

Conversions Part 2

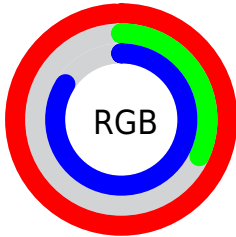
Format	Color
R_{YB}	252, 81, 215
Decimal	16536023
CIE _{Lab}	62.92, 77.39, -34.43
CIE _{LCh}	63, 84.703, 336.016
Yxy	31.4866, 0.3588, 0.2041
Android (android.graphics.Color)	4294726103 (0xFFFC51D7)
YUV	147.4050, 33.3243, 91.7298
Hunter-Lab	56.1129, 77.8853, -31.9900

Details

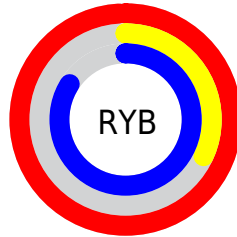
The XYZ color **55.3531, 31.4866, 67.4501** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **41.4754, 72.6794, 28.9850**, and the grayscale version is **27.7517, 29.1969, 31.7954**.

A 20% lighter version of the original color is **68.9630, 47.8260, 100.2043**, and **28.0834, 13.7445, 34.4305** is the 20% darker color. If you saturate the color by 10%, you get **53.1267, 28.1361, 63.3084**, and if you desaturate by 10%, it is **58.2993, 36.2382, 71.9475**.

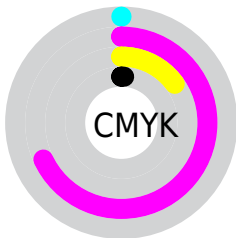
Distribution



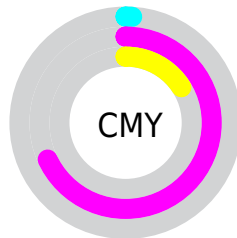
- Red (99%)
- Green (32%)
- Blue (84%)



- Red (99%)
- Yellow (32%)
- Blue (84%)



- Cyan (0%)
- Magenta (68%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (68%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3531, 31.4866, 67.4501 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 55.3531, 31.4866, 67.4501 by changing the saturation by 10% instead.


 55.3531, 31.4866,
67.4501

 55.3531, 31.4866,
67.4501

397.3637,
308.7739, 470.0903


 39.9195, 20.9697,
48.9866


 97.2034, 62.0054,
117.2119


 27.6597, 13.1018,
34.2433


 124.3508, 82.7760,
149.3473

 18.2084, 7.4987,
22.8017


 156.1335,
107.7333, 186.8770

 11.2003, 3.7759,
14.2432

 192.9168,
137.2617, 230.2197

 6.2700, 1.5490,
8.1494

235.0661,
171.7455, 279.7938

 3.0522, 0.3228,
4.1015

282.9468,

 1.1814, 0.0000,

211.5692, 336.0179

1.6812

336.9242,
257.1172, 399.3105

■ 0.0916, 0.0000,
0.3478

■ 0.0000, 0.0000,
0.0000

■ 55.3531, 31.4866,
67.4501

■ 55.3531, 31.4866,
67.4501

■ 53.1267, 28.1361,
63.3084

■ 58.2993, 36.2382,
71.9475

■ 51.5355, 26.0195,
59.4923


■ 62.0313, 42.5242,
76.8229

■ 50.4712, 24.9199,
55.9648


■ 66.6109, 50.4674,
82.0982


■ 50.2774, 24.7485,
55.2339

■ 72.0929, 60.1770,
87.7928

 78.5273, 71.7526,
93.9244

 85.9605, 85.2867,
100.5094

 93.6622, 99.3184,
107.3056

 93.9553, 99.4356,
108.8488

Harmonies

Analogous

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



45.0920, 31.4866, 116.5261



55.3531, 31.4866, 67.4501



58.1209, 31.4866, 28.0009

Triad

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



55.3531, 31.4866, 67.4501



27.6444, 31.4866, 1.8946



15.2416, 31.4866, 87.3964

Complementary

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



55.3531, 31.4866, 67.4501



41.4754, 72.6794, 28.9850

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.



12.7450, 31.4866, 41.4420



55.3531, 31.4866, 67.4501



18.6120, 31.4866, 4.1953

Square

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



55.3531, 31.4866, 67.4501



39.9653, 31.4866, 2.7490



13.7955, 31.4866, 14.2881



21.7285, 31.4866, 132.3650

Rectangle

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



55.3531, 31.4866, 67.4501



54.8495, 31.4866, 13.1699



13.7955, 31.4866, 14.2881



13.9965, 31.4866, 70.7346

Sweetspot

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



55.3542, 31.4882, 67.4507



79.1566, 70.9752, 95.0871



27.6115, 16.5734, 93.8400



16.5363, 14.4589, 19.9694



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.



55.3542, 31.4882, 67.4507



53.9864, 28.0793, 63.7468



47.2742, 28.2562, 24.9023



17.8228, 17.4565, 20.9225



26.2468, 12.9144, 29.0715



2.4694, 1.2115, 2.8954

Inverse Universe

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



55.3542, 31.4882, 67.4507



53.9864, 28.0793, 63.7468



48.7126, 75.5743, 67.0955



17.8228, 17.4565, 20.9225



26.2468, 12.9144, 29.0715



2.4694, 1.2115, 2.8954

Previews

White Background



This preview shows how the XYZ color 55.3531, 31.4866, 67.4501 looks on a white background.

Color Contrast Check

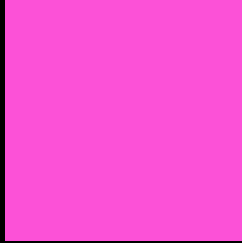
Large Text (above 18pt) WCAG AA × Fail

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 55.3531, 31.4866, 67.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

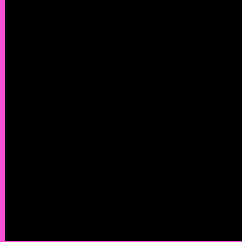
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3531, 31.4866, 67.4501

Background



This preview shows how black text looks on a background with the XYZ color 55.3531, 31.4866, 67.4501.



This preview shows how white text looks on a background with the XYZ color 55.3531, 31.4866,

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

55.3531, 31.4866, 67.4501

Protanopia

34.9818, 31.9030, 98.9219

Deuteranopia

32.4070, 31.6237, 62.1536



Tritanopia

45.7490, 31.4909, 20.4967

Trichromacy



Original Color

55.3531, 31.4866, 67.4501



Protanomaly

37.4330, 28.1802, 85.9045



Deuteranomaly

37.4326, 28.8544, 63.9181



Tritanomaly

48.2176, 30.8164, 33.5438

Monochromacy



Original Color

55.3531, 31.4866, 67.4501



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

34.5369, 27.4588, 42.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3531, 31.4866, 67.4501 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(252, 81, 215)` looks like.

```
.text, #text, p{  
    color:rgb(252, 81, 215)  
}
```

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(252, 81, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 81, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.3531, 31.4866, 67.4501 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(252, 81, 215) }
```


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

```
.border{ border-color:rgb(252, 81, 215) }
```

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

Here you see how a box with a 4 pixel rgb(252, 81, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 81, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 81, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 81,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3531, 31.4866, 67.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 81, 215) }
```

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

```
.background{ background-color: rgb(252, 81,  
215) }
```

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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