

Converting Colors

XYZ(55.4535, 31.1679, 74.3275)

Have a look what the booklet for
XYZ(55.4535, 31.1679, 74.3275)
contains.

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Color

**XYZ(55.4535, 31.1679,
74.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	F94FE1
RGB	249, 79, 225
RGB Percent	98%, 31%, 88%
CMY	0.0235, 0.6902, 0.1176
CMYK	0.00, 0.68, 0.10, 0.02
HSL	308°, 93%, 64%
HSV	308°, 68%, 98%
XYZ	55.4535, 31.1679, 74.3275
YIQ	146.4740, 54.4540, 81.4460

Conversions

Conversions Part 2

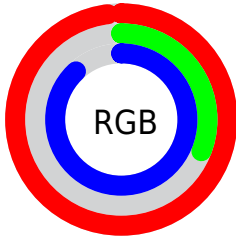
Format	Color
R _{YB}	249, 79, 225
Decimal	16338913
CIE _{Lab}	62.65, 78.79, -40.50
CIE _{LCh}	63, 88.592, 332.798
Y _{xy}	31.1679, 0.3445, 0.1937
Android (android.graphics.Color)	4294528993 (0xFFFF94FE1)
YUV	146.4740, 38.7133, 89.9153
Hunter-Lab	55.8282, 79.6025, -39.8566

Details

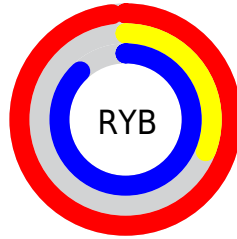
The XYZ color **55.4535, 31.1679, 74.3275** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **39.5498, 70.3941, 24.3373**, and the grayscale version is **27.3480, 28.7723, 31.3330**.

A 20% lighter version of the original color is **68.6681, 47.2362, 100.1060**, and **28.1477, 13.6834, 38.6937** is the 20% darker color. If you saturate the color by 10%, you get **53.5074, 28.0347, 71.3370**, and if you desaturate by 10%, it is **58.0838, 35.6523, 77.5952**.

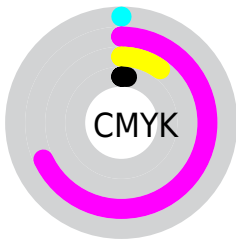
Distribution



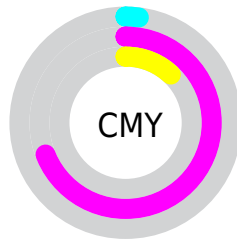
- Red (98%)
- Green (31%)
- Blue (88%)



- Red (98%)
- Yellow (31%)
- Blue (88%)



- Cyan (0%)
- Magenta (68%)
- Yellow (10%)
- Black (2%)




- Cyan (2%)
- Magenta (69%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4535, 31.1679, 74.3275 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 55.4535, 31.1679, 74.3275 by changing the saturation by 10% instead.


 55.4535, 31.1679,
74.3275


 55.4535, 31.1679,
74.3275


397.7372,
307.3111, 494.7965


 40.0002, 20.7267,
54.5637


 97.3495, 61.5043,
127.0983


 27.7229, 12.9244,
38.6563


 124.5230, 82.1684,
160.9424

 18.2563, 7.3765,
26.1867


 156.3339,
107.0088, 200.3169

 11.2349, 3.6987,
16.7363

 193.1476,
136.4101, 245.6406

 6.2935, 1.5065,
9.8867

235.3294,
170.7565, 297.3318

 3.0667, 0.2933,
5.2193

283.2447,

 1.1892, 0.0000,

210.4326, 355.8092

2.3155

337.2588,
255.8226, 421.4913

■ 0.0978, 0.0000,
0.7399

■ 0.0000, 0.0000,
0.0000

■ 55.4535, 31.1679,
74.3275

■ 55.4535, 31.1679,
74.3275

■ 53.5074, 28.0347,
71.3370

■ 58.0838, 35.6523,
77.5952

■ 52.1627, 26.0893,
68.5952

■ 61.4624, 41.6181,
81.1612

■ 51.3098, 25.1117,
66.0655

■ 65.6495, 49.1850,
85.0459

■ 51.1852, 24.9871,
65.6403

■ 70.6984, 58.4593,
89.2675

76.6577, 69.5382,
93.8424

83.5724, 82.5117,
98.7859

91.4844, 97.4635,
104.1123

92.5769, 98.7598,
107.2161

92.8773, 98.8799,
108.7983

Harmonies

Analogous

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



44.0695, 31.1679, 126.1741



55.4535, 31.1679, 74.3275



59.4032, 31.1679, 30.7923

Triad

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



55.4535, 31.1679, 74.3275



28.5049, 31.1679, 1.4235



14.0760, 31.1679, 84.2205

Complementary

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



55.4535, 31.1679, 74.3275



39.5498, 70.3941, 24.3373

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.



11.9549, 31.1679, 37.2879



55.4535, 31.1679, 74.3275



18.7405, 31.1679, 3.1095

Square

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



55.4535, 31.1679, 74.3275



41.5599, 31.1679, 2.4952



13.3970, 31.1679, 11.7074



20.2251, 31.1679, 134.1275

Rectangle

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



55.4535, 31.1679, 74.3275



56.6071, 31.1679, 14.1373



13.3970, 31.1679, 11.7074



12.9574, 31.1679, 66.7847

Sweetspot

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



55.4546, 31.1694, 74.3281



79.7450, 71.2106, 98.1860



25.3383, 15.2386, 91.2293



16.6789, 14.5160, 20.7207



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.



55.4546, 31.1694, 74.3281



55.8690, 28.6686, 74.1656



46.6969, 27.6663, 28.2107



17.8815, 17.4799, 21.2315



27.4387, 13.3912, 35.3482



2.5693, 1.2515, 3.4214

Inverse Universe

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



55.4546, 31.1694, 74.3281



55.8690, 28.6686, 74.1656



46.0356, 72.9884, 58.4908



17.8815, 17.4799, 21.2315



27.4387, 13.3912, 35.3482



2.5693, 1.2515, 3.4214

Previews

White Background



This preview shows how the XYZ color 55.4535, 31.1679, 74.3275 looks on a white background.

Color Contrast Check

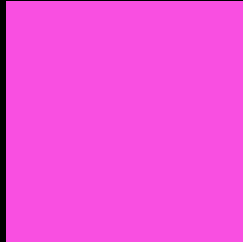
Large Text (above 18pt) WCAG AA × Fail

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 55.4535, 31.1679, 74.3275 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 55.4535, 31.1679, 74.3275

Background



This preview shows how black text looks on a background with the XYZ color 55.4535, 31.1679, 74.3275.



This preview shows how white text looks on a background with the XYZ color 55.4535, 31.1679,

74.3275.

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

55.4535, 31.1679, 74.3275

Protanopia

34.7413, 31.7791, 98.9106

Deuteranopia

32.0972, 31.3349, 67.9749



Tritanopia

44.2741, 30.8779, 21.0793

Trichromacy



Original Color

55.4535, 31.1679, 74.3275



Protanomaly

37.6373, 28.2161, 89.0505



Deuteranomaly

37.0961, 28.3615, 69.8488



Tritanomaly

47.2513, 30.2695, 35.6999

Monochromacy



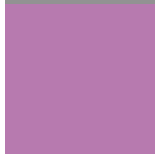
Original Color

55.4535, 31.1679, 74.3275



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

34.2258, 27.0815, 43.9808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4535, 31.1679, 74.3275 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(249, 79, 225)` looks like.

```
.text, #text, p{  
    color:rgb(249, 79, 225)  
}
```

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(249, 79, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 79, 225) }
```

Border

The CSS property to change the border of an element to XYZ 55.4535, 31.1679, 74.3275 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(249, 79, 225) }
```


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

```
.border{ border-color:rgb(249, 79, 225) }
```

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

Here you see how a box with a 4 pixel rgb(249, 79, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 79, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 79, 225);  
box-shadow:4px 4px 4px 4px rgb(249, 79,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4535, 31.1679, 74.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 79, 225) }
```

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

```
.background{ background-color: rgb(249, 79,  
225) }
```

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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