

Converting Colors

XYZ(112.3539, 76.7774,
83.0161)

Have a look what the booklet for
XYZ(112.3539, 76.7774, 83.0161)
contains.

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Color

**XYZ(69.2016, 54.5546,
81.0115)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7E5
RGB	255, 167, 229
RGB Percent	100%, 65%, 90%
CMY	0.0000, 0.3451, 0.1020
CMYK	0.00, 0.35, 0.10, 0.00
HSL	318°, 100%, 83%
HSV	318°, 35%, 100%
XYZ	69.2016, 54.5546, 81.0115
YIQ	200.3800, 32.5460, 37.9380

Conversions

Conversions Part 2

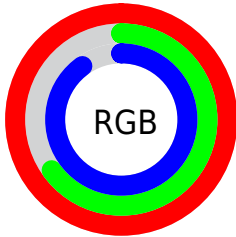
Format	Color
R _Y B	255, 167, 229
Decimal	16754661
CIE Lab	78.78, 41.26, -17.81
CIE LCh	79, 44.937, 336.655
Yxy	54.5546, 0.3380, 0.2664
Android (android.graphics.Color)	4294944741 (0xFFFFA7E5)
YUV	200.3800, 14.1097, 47.9017
Hunter-Lab	73.8611, 37.9825, -13.3270

Details

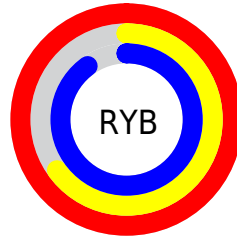
The XYZ color **69.2016, 54.5546, 81.0115** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.3238, 83.5866, 63.3568**, and the grayscale version is **55.0368, 57.9030, 63.0564**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **36.4739, 26.6977, 42.7659** is the 20% darker color. If you saturate the color by 10%, you get **63.9531, 45.7047, 74.1842**, and if you desaturate by 10%, it is **75.4192, 65.2692, 88.3885**.

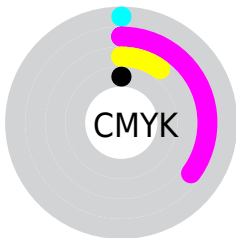
Distribution



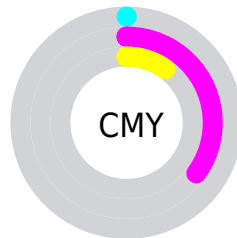
- Red (100%)
- Green (65%)
- Blue (90%)



- Red (100%)
- Yellow (65%)
- Blue (90%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2016, 54.5546, 81.0115 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 69.2016, 54.5546, 81.0115 by changing the saturation by 10% instead.


 69.2016, 54.5546,
81.0115


 69.2016, 54.5546,
81.0115


447.0519,
404.2214, 518.1315

 51.1531, 39.0452,
60.0200


 117.1020, 96.8881,
136.6111

 36.5520, 26.7949,
43.0094

 147.6846,
124.4810, 172.0564

 25.0329, 17.4193,
29.5610


183.1760,
156.8705, 213.1566

 16.2305, 10.5339,
19.2564

223.9415,
194.4410, 260.3303

 9.7793, 5.7543,
11.6770

270.3465,
237.5770, 313.9962

 5.3140, 2.6963,
6.4043

322.7563,

 2.4693, 0.9753,

286.6628, 374.5726

3.0197

381.5364,
342.0828, 442.4782

■ 0.8798, 0.0000,
1.1047

■ 0.0000, 0.0000,
0.0000

■ 69.2016, 54.5546,
81.0115

■ 69.2016, 54.5546,
81.0115

■ 63.9531, 45.7047,
74.1842

■ 75.4192, 65.2692,
88.3885

■ 59.6151, 38.6038,
67.8822

■ 82.6527, 77.9419,
96.3314

■ 56.1280, 33.1336,
62.0835

■ 90.9502, 92.6677,
104.8598

■ 53.4236, 29.1585,
56.7623

95.0500, 100.0000,
108.9000

■ 51.4225, 26.5206,
51.8892

■ 50.0274, 25.0263,
47.4287

■ 49.4433, 24.5413,
45.1279

Harmonies

Analogous

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



62.7524, 54.5546, 108.0222



69.2016, 54.5546, 81.0115



70.7715, 54.5546, 53.9012

Triad

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



69.2016, 54.5546, 81.0115



49.8949, 54.5546, 22.8123



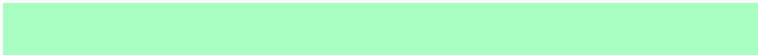
39.3016, 54.5546, 93.7193

Complementary

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



69.2016, 54.5546, 81.0115



61.3238, 83.5866, 63.3568

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.



36.6469, 54.5546, 65.2621



69.2016, 54.5546, 81.0115



42.2940, 54.5546, 28.1236

Square

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



69.2016, 54.5546, 81.0115



58.9326, 54.5546, 24.8132



37.6763, 54.5546, 42.0217



45.3635, 54.5546, 116.7052

Rectangle

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



69.2016, 54.5546, 81.0115



68.6966, 54.5546, 40.0182



37.6763, 54.5546, 42.0217



38.0148, 54.5546, 84.2067

Sweetspot

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



69.2028, 54.5569, 81.0126



86.2583, 84.3199, 100.1020



53.5923, 46.0580, 100.6732



18.2172, 17.6126, 21.1716



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.



69.2028, 54.5569, 81.0126



65.6877, 48.6043, 76.5182



63.9304, 52.4479, 53.2482



18.5505, 18.2035, 21.5162



25.9039, 12.8508, 23.9419



2.5701, 1.2704, 2.5837

Inverse Universe

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



69.2028, 54.5569, 81.0126



65.6877, 48.6043, 76.5182



66.8285, 85.7885, 92.3437



18.5505, 18.2035, 21.5162



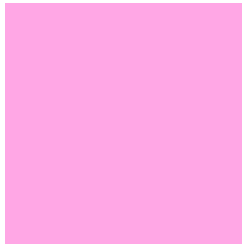
25.9039, 12.8508, 23.9419



2.5701, 1.2704, 2.5837

Previews

White Background



This preview shows how the XYZ color 69.2016, 54.5546, 81.0115 looks on a white background.

Color Contrast Check

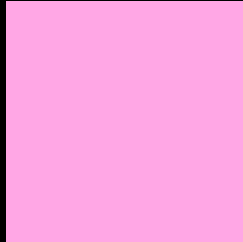
Large Text (above 18pt) WCAG AA × Fail

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 69.2016, 54.5546, 81.0115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

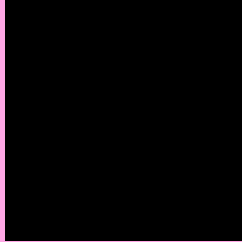
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2016, 54.5546, 81.0115

Background



This preview shows how black text looks on a background with the XYZ color 69.2016, 54.5546, 81.0115.



This preview shows how white text looks on a background with the XYZ color 69.2016, 54.5546,

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

69.2016, 54.5546, 81.0115

Protanopia

55.1499, 54.8004, 95.6665

Deuteranopia

56.0408, 54.9772, 78.8922



Tritanopia

63.8314, 54.6148, 54.7544

Trichromacy



Original Color

69.2016, 54.5546, 81.0115



Protanomaly

59.1632, 54.1276, 89.7675



Deuteranomaly

59.9706, 54.1625, 79.2451



Tritanomaly

65.6769, 54.5123, 63.5603

Monochromacy



Original Color

69.2016, 54.5546, 81.0115



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

59.2563, 55.8852, 69.2918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2016, 54.5546, 81.0115 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, 167, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 229)  
}
```

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, 167, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.2016, 54.5546, 81.0115 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, 167, 229) }
```


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

```
.border{ border-color:rgb(255, 167, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2016, 54.5546, 81.0115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 229) }
```

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

```
.background{ background-color: rgb(255,  
167, 229) }
```

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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