

Converting Colors

XYZ(128.1607, 86.9863,
62.6426)

Have a look what the booklet for
XYZ(128.1607, 86.9863, 62.6426)
contains.

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Color

**XYZ(66.2616, 55.1784,
59.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADC5
RGB	255, 173, 197
RGB Percent	100%, 68%, 77%
CMY	0.0000, 0.3215, 0.2274
CMYK	0.00, 0.32, 0.23, 0.00
HSL	342°, 100%, 84%
HSV	342°, 32%, 100%
XYZ	66.2616, 55.1784, 59.9814
YIQ	200.2540, 41.1680, 24.8480

Conversions

Conversions Part 2

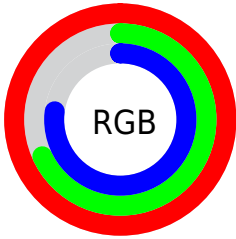
Format	Color
R _Y B	255, 173, 197
Decimal	16756165
CIE Lab	79.14, 33.24, 0.09
CIE LCh	79, 33.245, 0.155
Yxy	55.1784, 0.3652, 0.3041
Android (android.graphics.Color)	4294946245 (0xFFFFADC5)
YUV	200.2540, -1.6042, 48.0122
Hunter-Lab	74.2822, 29.2328, 4.1220

Details

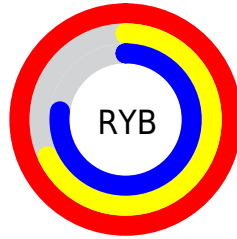
The XYZ color **66.2616, 55.1784, 59.9814** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.4196, 86.1748, 88.6854**, and the grayscale version is **55.0493, 57.9162, 63.0707**.

A 20% lighter version of the original color is **87.1487, 84.4544, 105.4740**, and **34.7004, 27.2864, 29.4245** is the 20% darker color. If you saturate the color by 10%, you get **59.8856, 45.5385, 48.2619**, and if you desaturate by 10%, it is **73.8208, 66.7884, 73.3168**.

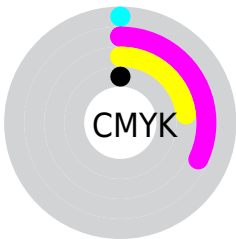
Distribution



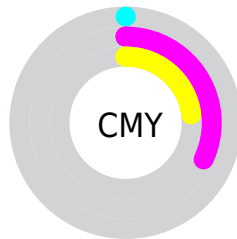
- Red (100%)
- Green (68%)
- Blue (77%)



- Red (100%)
- Yellow (68%)
- Blue (77%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2616, 55.1784, 59.9814 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 66.2616, 55.1784, 59.9814 by changing the saturation by 10% instead.

 66.2616, 55.1784,
59.9814

 66.2616, 55.1784,
59.9814


436.7858,
406.5878, 442.3319

 48.7533, 39.5446,
42.9784


 112.9174, 97.8023,
106.3458

 34.6375, 27.1836,
29.5369


142.7955,
125.5611, 136.5443

 23.5490, 17.7112,
19.2383


177.5277,
158.1305, 171.9784

 15.1223, 10.7428,
11.6640

217.4792,
195.8946, 213.0667

 8.9922, 5.8942,
6.3956

263.0154,
239.2381, 260.2276

 4.7931, 2.7808,
3.0144


314.5016,

 2.1599, 1.0184,


288.5451, 313.8798


1.1020


372.3033,
344.2003, 374.4417


 0.7215, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.2616, 55.1784,
59.9814

 66.2616, 55.1784,
59.9814


 59.8856, 45.5385,
48.2619


 73.8208, 66.7884,
73.3168

 54.6268, 37.7513,
38.0914

 82.6163, 80.4624,
88.3245

 50.4187, 31.6983,
29.4032

 92.7031, 96.2972,
105.0624

 47.1858, 27.2442,
22.1236

95.0500, 100.0000,
108.9000

■ 44.8418, 24.2333,
16.1723

■ 43.2840, 22.4780,
11.4591

■ 42.4971, 21.7629,
8.5500

Harmonies

Analogous

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



64.3043, 55.1784, 80.1533



66.2616, 55.1784, 59.9814



64.2649, 55.1784, 43.5354

Triad

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



66.2616, 55.1784, 59.9814



46.2958, 55.1784, 33.7069



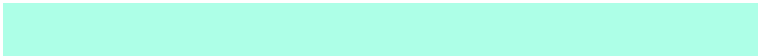
46.3507, 55.1784, 97.6585

Complementary

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



66.2616, 55.1784, 59.9814



67.4196, 86.1748, 88.6854

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.



42.1720, 55.1784, 80.3604



66.2616, 55.1784, 59.9814



42.1423, 55.1784, 43.6733

Square

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



66.2616, 55.1784, 59.9814



52.4110, 55.1784, 30.4550



40.6971, 55.1784, 60.1785



52.4798, 55.1784, 104.5101

Rectangle

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



66.2616, 55.1784, 59.9814



61.0492, 55.1784, 36.1723



40.6971, 55.1784, 60.1785



44.6905, 55.1784, 92.7150

Sweetspot

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



66.2630, 55.1809, 59.9825



84.6784, 83.6879, 91.7823



65.7571, 53.9992, 101.5649



17.8353, 17.4598, 19.1604



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.



66.2630, 55.1809, 59.9825



61.7735, 48.3743, 51.7885



67.0683, 60.8472, 47.7483



18.2280, 18.0745, 19.8178



22.2618, 11.3940, 4.7631



2.2128, 1.1275, 0.7018

Inverse Universe

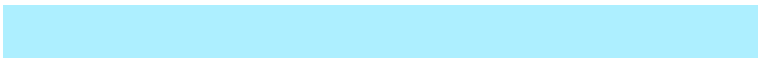
The Inverse Universe completely reimagines the original color for something new.



66.2630, 55.1809, 59.9825



61.7735, 48.3743, 51.7885



66.0349, 77.6048, 106.1066



18.2280, 18.0745, 19.8178



22.2618, 11.3940, 4.7631



2.2128, 1.1275, 0.7018

Previews

White Background



This preview shows how the XYZ color 66.2616, 55.1784, 59.9814 looks on a white background.

Color Contrast Check

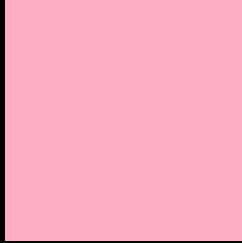
Large Text (above 18pt) WCAG AA × Fail

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 66.2616, 55.1784, 59.9814 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 66.2616, 55.1784, 59.9814

Background



This preview shows how black text looks on a background with the XYZ color 66.2616, 55.1784, 59.9814.



This preview shows how white text looks on a background with the XYZ color 66.2616, 55.1784,

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

66.2616, 55.1784, 59.9814

Protanopia

53.9129, 55.4191, 68.8282

Deuteranopia

56.4700, 55.3209, 58.7406



Tritanopia

65.2801, 55.3616, 54.8222

Trichromacy



Original Color

66.2616, 55.1784, 59.9814



Protanomaly

57.4050, 54.7001, 65.2902



Deuteranomaly

59.6239, 55.0441, 59.1118



Tritanomaly

65.4131, 55.1045, 56.4788

Monochromacy



Original Color

66.2616, 55.1784, 59.9814



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.2375, 56.1661, 61.8045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2616, 55.1784, 59.9814 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, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 197)  
}
```

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, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 197) }
```

Border

The CSS property to change the border of an element to XYZ 66.2616, 55.1784, 59.9814 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, 173, 197) }
```


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

```
.border{ border-color:rgb(255, 173, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2616, 55.1784, 59.9814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 197) }
```

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

```
.background{ background-color: rgb(255,  
173, 197) }
```

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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