

Converting Colors

XYZ(91.2138, 67.6636, 61.7836)

Have a look what the booklet for
XYZ(91.2138, 67.6636, 61.7836)
contains.

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Color

**XYZ(66.1856, 54.8423,
60.5233)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACC6
RGB	255, 172, 198
RGB Percent	100%, 67%, 78%
CMY	0.0000, 0.3255, 0.2235
CMYK	0.00, 0.33, 0.22, 0.00
HSL	341°, 100%, 84%
HSV	341°, 33%, 100%
XYZ	66.1856, 54.8423, 60.5233
YIQ	199.7810, 41.1220, 25.6820

Conversions

Conversions Part 2

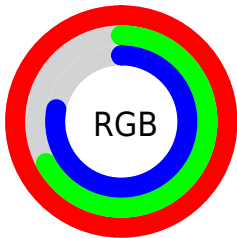
Format	Color
RYB	255, 172, 198
Decimal	16755910
CIELab	78.95, 33.91, -0.74
CIELCh	79, 33.917, 358.756
Yxy	54.8423, 0.3646, 0.3021
Android (android.graphics.Color)	4294945990 (0xFFFFACC6)
YUV	199.7810, -0.8780, 48.4271
Hunter-Lab	74.0556, 29.9333, 3.3831

Details

The XYZ color **66.1856, 54.8423, 60.5233** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.9183, 85.9488, 87.1955**, and the grayscale version is **54.7538, 57.6052, 62.7321**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **34.6568, 27.0776, 29.7854** is the 20% darker color. If you saturate the color by 10%, you get **59.8852, 45.2895, 49.0266**, and if you desaturate by 10%, it is **73.6534, 66.3557, 73.5629**.

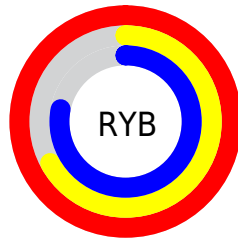
Distribution



Red (100%)

Green (67%)

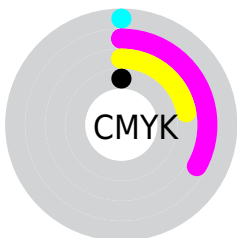
Blue (78%)



Red (100%)

Yellow (67%)

Blue (78%)

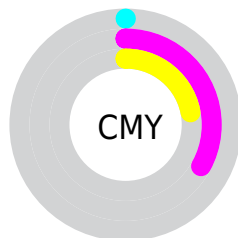


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1856, 54.8423, 60.5233 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 66.1856, 54.8423, 60.5233 by changing the saturation by 10% instead.


 66.1856, 54.8423,
60.5233

 66.1856, 54.8423,
60.5233


436.5185,
405.3139, 444.3820

 48.6913, 39.2755,
43.4125


 112.8089, 97.3099,
107.1392

 34.5882, 26.9741,
29.8751


142.6687,
124.9794, 137.4814

 23.5109, 17.5538,
19.4926


177.3811,
157.4519, 173.0711

 15.0940, 10.6301,
11.8463

217.3113,
195.1119, 214.3270

 8.9721, 5.8187,
6.5179

262.8248,
238.3437, 261.6674

 4.7800, 2.7351,
3.0886


314.2870,


 2.1522, 0.9951,


287.5317, 315.5111


1.1401


372.0631,
343.0603, 376.2764


 0.7173, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000


 66.1856, 54.8423,
60.5233

 66.1856, 54.8423,
60.5233


 59.8852, 45.2895,
49.0266


 73.6534, 66.3557,
73.5629

 54.6868, 37.5797,
39.0099

 82.3413, 79.9235,
88.1981

 50.5245, 31.5946,
30.4106

 92.3035, 95.6427,
104.4833

 47.3235, 27.1983,
23.1600

95.0500, 100.0000,
108.9000

■ 44.9979, 24.2346,
17.1826

■ 43.4453, 22.5149,
12.3940

■ 42.6831, 21.8373,
9.5295

Harmonies

Analogous

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



64.0095, 54.8423, 81.1078



66.1856, 54.8423, 60.5233



64.3327, 54.8423, 43.5791

Triad

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



66.1856, 54.8423, 60.5233



46.1366, 54.8423, 32.7281



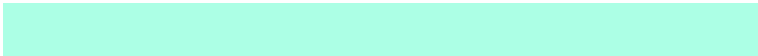
45.6889, 54.8423, 97.3990

Complementary

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



66.1856, 54.8423, 60.5233



66.9183, 85.9488, 87.1955

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.



41.5701, 54.8423, 79.4082



66.1856, 54.8423, 60.5233



41.8125, 54.8423, 42.4576

Square

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



66.1856, 54.8423, 60.5233



52.4078, 54.8423, 29.7628



40.2133, 54.8423, 58.9118



51.8451, 54.8423, 105.0371

Rectangle

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



66.1856, 54.8423, 60.5233



61.1450, 54.8423, 35.9284



40.2133, 54.8423, 58.9118



44.0405, 54.8423, 92.1944

Sweetspot

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



66.1869, 54.8448, 60.5244



84.7552, 83.7187, 92.1865



65.0271, 53.3393, 101.4759



17.8537, 17.4672, 19.2577



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.



66.1869, 54.8448, 60.5244



61.9905, 48.4612, 52.9316



66.5044, 59.8737, 47.0846



18.2437, 18.0808, 19.9005



22.3618, 11.4340, 5.2898



2.2241, 1.1320, 0.7616

Inverse Universe

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



66.1869, 54.8448, 60.5244



61.9905, 48.4612, 52.9316



66.1614, 78.1848, 106.2118



18.2437, 18.0808, 19.9005



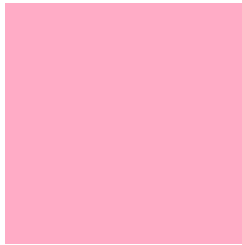
22.3618, 11.4340, 5.2898



2.2241, 1.1320, 0.7616

Previews

White Background



This preview shows how the XYZ color 66.1856, 54.8423, 60.5233 looks on a white background.

Color Contrast Check

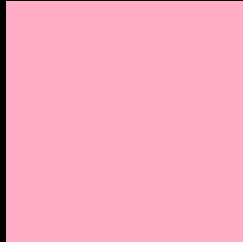
Large Text (above 18pt) WCAG AA × Fail

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 66.1856, 54.8423, 60.5233 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 66.1856, 54.8423, 60.5233

Background



This preview shows how black text looks on a background with the XYZ color 66.1856, 54.8423, 60.5233.



This preview shows how white text looks on a background with the XYZ color 66.1856, 54.8423,

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

66.1856, 54.8423, 60.5233

Protanopia

53.7787, 55.3355, 69.4744

Deuteranopia

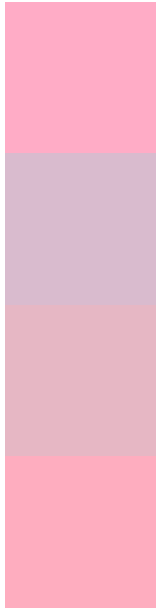
56.2881, 55.2141, 59.3204



Tritanopia

64.9787, 54.9308, 54.1917

Trichromacy



Original Color

66.1856, 54.8423, 60.5233

Protanomaly

57.5262, 54.7486, 65.9281

Deuteranomaly

59.5304, 54.6755, 59.6404

Tritanomaly

65.2206, 54.7196, 56.4146

Monochromacy



Original Color

66.1856, 54.8423, 60.5233

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 66.1856, 54.8423, 60.5233 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, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 198)  
}
```

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, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 198) }
```

Border

The CSS property to change the border of an element to XYZ 66.1856, 54.8423, 60.5233 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, 172, 198) }
```


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

```
.border{ border-color:rgb(255, 172, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1856, 54.8423, 60.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 198) }
```

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

```
.background{ background-color: rgb(255,  
172, 198) }
```

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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