

Converting Colors

XYZ(68.6213, 56.1654, 59.0065)

Have a look what the booklet for
XYZ(68.6213, 56.1654, 59.0065)
contains.

XYZ(65.8429, 54.7052, 58.7186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.8429, 54.7052,
58.7186)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACC3
RGB	255, 172, 195
RGB Percent	100%, 67%, 76%
CMY	0.0000, 0.3255, 0.2353
CMYK	0.00, 0.33, 0.24, 0.00
HSL	343°, 100%, 84%
HSV	343°, 33%, 100%
XYZ	65.8429, 54.7052, 58.7186
YIQ	199.4390, 42.0850, 24.7490

Conversions

Conversions Part 2

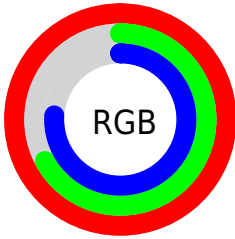
Format	Color
R _Y B	255, 172, 195
Decimal	16755907
CIE Lab	78.87, 33.48, 0.78
CIE LCh	79, 33.494, 1.331
Yxy	54.7052, 0.3673, 0.3052
Android (android.graphics.Color)	4294945987 (0xFFFFACC3)
YUV	199.4390, -2.1884, 48.7270
Hunter-Lab	73.9630, 29.4681, 4.7042

Details

The XYZ color **65.8429, 54.7052, 58.7186** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.3409, 86.1179, 89.4210**, and the grayscale version is **54.5512, 57.3921, 62.5000**.

A 20% lighter version of the original color is **86.3960, 83.7118, 102.8712**, and **34.4305, 26.9871, 28.5936** is the 20% darker color. If you saturate the color by 10%, you get **59.4898, 45.1313, 46.9445**, and if you desaturate by 10%, it is **73.3871, 66.2491, 72.1607**.

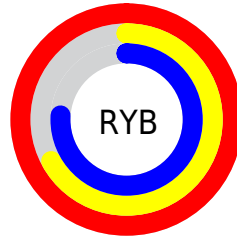
Distribution



Red (100%)

Green (67%)

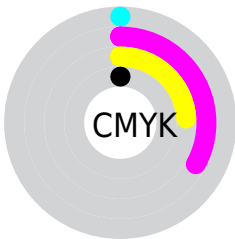
Blue (76%)



Red (100%)

Yellow (67%)

Blue (76%)

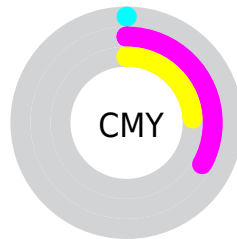


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8429, 54.7052, 58.7186 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 65.8429, 54.7052, 58.7186 by changing the saturation by 10% instead.


 65.8429, 54.7052,
58.7186

 65.8429, 54.7052,
58.7186


435.3123,
404.7935, 437.5311

 48.4121, 39.1657,
41.9681

 112.3198, 97.1089,
104.4937

 34.3660, 26.8887,
28.7509

142.0966,
124.7419, 134.3553

 23.3391, 17.4896,
18.6485

176.7195,
157.1749, 169.4245

 14.9662, 10.5842,
11.2424

216.5538,
194.7923, 210.1196

 8.8818, 5.7880,
6.1139

261.9649,
237.9785, 256.8593

 4.7207, 2.7166,
2.8445

313.3181,

 2.1174, 0.9856,

287.1178, 310.0621

1.0158

370.9788,
342.5946, 370.1465

■ 0.6986, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8429, 54.7052,
58.7186

■ 65.8429, 54.7052,
58.7186

■ 59.4898, 45.1313,
46.9445

■ 73.3871, 66.2491,
72.1607

■ 54.2610, 37.4094,
36.7680

■ 82.1765, 79.8576,
87.3306

■ 50.0893, 31.4205,
28.1186

■ 92.2666, 95.6279,
104.2889

■ 46.8978, 27.0280,
20.9186

95.0500, 100.0000,
108.9000

■ 44.5992, 24.0751,
15.0828

■ 43.0886, 22.3722,
10.5155

■ 42.3662, 21.7105,
7.8604

Harmonies

Analogous

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



64.0306, 54.7052, 78.8995



65.8429, 54.7052, 58.7186



63.6901, 54.7052, 42.4922

Triad

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



65.8429, 54.7052, 58.7186



45.6311, 54.7052, 33.4580



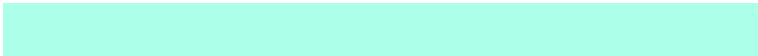
46.1040, 54.7052, 97.7827

Complementary

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



65.8429, 54.7052, 58.7186



67.3409, 86.1179, 89.4210

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.



41.8282, 54.7052, 80.6888



65.8429, 54.7052, 58.7186



41.5720, 54.7052, 43.6786

Square

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



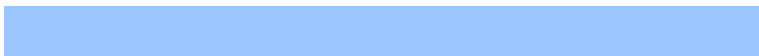
65.8429, 54.7052, 58.7186



51.6994, 54.7052, 29.9617



40.2402, 54.7052, 60.4188



52.2930, 54.7052, 104.1444

Rectangle

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



65.8429, 54.7052, 58.7186



60.3940, 54.7052, 35.3200



40.2402, 54.7052, 60.4188



44.4144, 54.7052, 92.9441

Sweetspot

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



65.8442, 54.7077, 58.7197



84.6205, 83.6648, 91.4770



65.9155, 53.7972, 101.5175



17.8213, 17.4542, 19.0870



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.



65.8442, 54.7077, 58.7197



61.6112, 48.3094, 50.9341



67.0979, 61.0607, 47.2824



18.2162, 18.0698, 19.7554



22.1911, 11.3657, 4.3910



2.2046, 1.1242, 0.6587

Inverse Universe

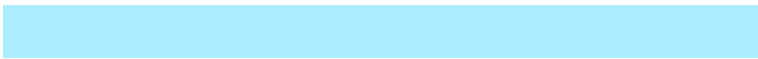
The Inverse Universe completely reimagines the original color for something new.



65.8442, 54.7077, 58.7197



61.6112, 48.3094, 50.9341



65.3541, 76.5702, 105.9427



18.2162, 18.0698, 19.7554



22.1911, 11.3657, 4.3910



2.2046, 1.1242, 0.6587

Previews

White Background



This preview shows how the XYZ color 65.8429, 54.7052, 58.7186 looks on a white background.

Color Contrast Check

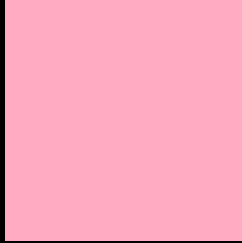
Large Text (above 18pt) WCAG AA × Fail

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 65.8429, 54.7052, 58.7186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

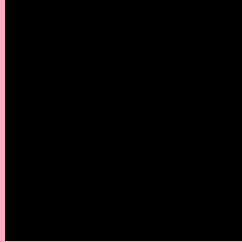
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8429, 54.7052, 58.7186

Background



This preview shows how black text looks on a background with the XYZ color 65.8429, 54.7052, 58.7186.



This preview shows how white text looks on a background with the XYZ color 65.8429, 54.7052,

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

65.8429, 54.7052, 58.7186

Protanopia

53.1826, 54.7397, 67.4373

Deuteranopia

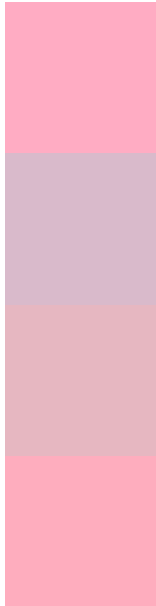
56.0309, 54.7999, 57.4935



Tritanopia

64.7863, 54.5458, 54.1275

Trichromacy



Original Color

65.8429, 54.7052, 58.7186

Protanomaly

56.9537, 54.1813, 63.9562

Deuteranomaly

59.1923, 54.5402, 57.8596

Tritanomaly

65.1109, 54.6757, 55.8369

Monochromacy



Original Color

65.8429, 54.7052, 58.7186

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.6041, 55.5325, 61.1089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8429, 54.7052, 58.7186 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.8429, 54.7052, 58.7186 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, 195) }
```


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

```
.border{ border-color:rgb(255, 172, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8429, 54.7052, 58.7186 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
172, 195) }
```

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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