

Converting Colors

XYZ(65.8908, 54.0090, 61.1767)

Have a look what the booklet for
XYZ(65.8908, 54.0090, 61.1767)
contains.

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Color

**XYZ(65.9235, 54.1330,
61.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAC7
RGB	255, 170, 199
RGB Percent	100%, 67%, 78%
CMY	0.0000, 0.3333, 0.2196
CMYK	0.00, 0.33, 0.22, 0.00
HSL	340°, 100%, 83%
HSV	340°, 33%, 100%
XYZ	65.9235, 54.1330, 61.0070
YIQ	198.7210, 41.3510, 27.0390

Conversions

Conversions Part 2

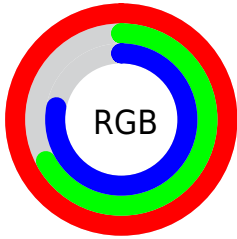
Format	Color
R _Y B	255, 170, 199
Decimal	16755399
CIE Lab	78.54, 35.10, -1.88
CIE LCh	79, 35.146, 356.930
Yxy	54.1330, 0.3641, 0.2990
Android (android.graphics.Color)	4294945479 (0xFFFFAAC7)
YUV	198.7210, 0.1375, 49.3567
Hunter-Lab	73.5751, 31.1800, 2.3405

Details

The XYZ color **65.9235, 54.1330, 61.0070** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.0672, 85.5581, 84.9876**, and the grayscale version is **54.0984, 56.9158, 61.9813**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **34.4981, 26.6372, 30.1113** is the 20% darker color. If you saturate the color by 10%, you get **59.7544, 44.7460, 49.8519**, and if you desaturate by 10%, it is **73.2379, 65.4652, 73.6077**.

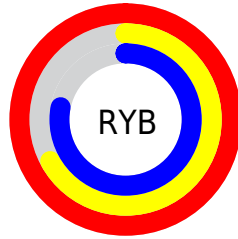
Distribution



Red (100%)

Green (67%)

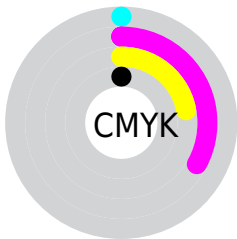
Blue (78%)



Red (100%)

Yellow (67%)

Blue (78%)

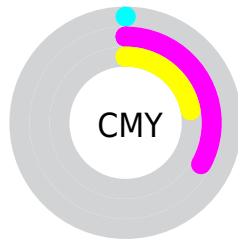


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9235, 54.1330, 61.0070 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 65.9235, 54.1330, 61.0070 by changing the saturation by 10% instead.

65.9235, 54.1330,
61.0070

65.9235, 54.1330,
61.0070

435.5962,
402.6170, 446.2069

48.4778, 38.7080,
43.8002

112.4349, 96.2695,
107.8467

34.4182, 26.5326,
30.1774

142.2312,
123.7498, 138.3167

23.3795, 17.2225,
19.7201

176.8752,
156.0173, 174.0449

14.9962, 10.3933,
12.0097

216.7321,
193.4564, 215.4497

8.9030, 5.6605,
6.6277

262.1673,
236.4516, 262.9498

4.7346, 2.6398,
3.1555


313.5461,


2.1255, 0.9467,


285.3871, 316.9637


1.1746


371.2340,
340.6474, 377.9099


 0.7030, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000


 65.9235, 54.1330,
61.0070


 65.9235, 54.1330,
61.0070


 59.7544, 44.7460,
49.8519


 73.2379, 65.4652,
73.6077

 54.6655, 37.1864,
40.0846

 81.7495, 78.8369,
87.7022

 50.5917, 31.3350,
31.6477

 91.5120, 94.3449,
103.3404

 47.4585, 27.0554,
24.4780

95.0500, 100.0000,
108.9000

■ 45.1803, 24.1898,
18.5064

■ 43.6544, 22.5466,
13.6548

■ 42.9599, 21.9480,
10.9869

Harmonies

Analogous

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



63.4340, 54.1330, 82.2899



65.9235, 54.1330, 61.0070



64.2572, 54.1330, 43.3049

Triad

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



65.9235, 54.1330, 61.0070



45.6547, 54.1330, 31.0649



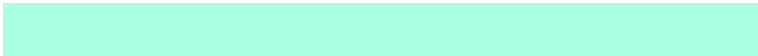
44.5240, 54.1330, 97.0138

Complementary

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



65.9235, 54.1330, 61.0070



66.0672, 85.5581, 84.9876

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.



40.4718, 54.1330, 77.9511



65.9235, 54.1330, 61.0070



41.0823, 54.1330, 40.4889

Square

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



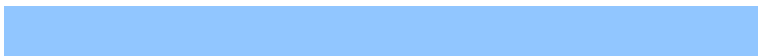
65.9235, 54.1330, 61.0070



52.1680, 54.1330, 28.4781



39.2700, 54.1330, 56.9234



50.7422, 54.1330, 105.8003

Rectangle

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



65.9235, 54.1330, 61.0070



61.0890, 54.1330, 35.2456



39.2700, 54.1330, 56.9234



42.8855, 54.1330, 91.4124

Sweetspot

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



65.9249, 54.1355, 61.0081



84.8597, 83.7605, 92.7371



63.5560, 52.0200, 101.2988



17.8789, 17.4773, 19.3903



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.



65.9249, 54.1355, 61.0081



61.6864, 47.6645, 53.4108



65.3794, 57.9287, 45.7689



18.2651, 18.0893, 20.0130



22.5100, 11.4933, 6.0700



2.2405, 1.1386, 0.8480

Inverse Universe

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



65.9249, 54.1355, 61.0081



61.6864, 47.6645, 53.4108



66.4559, 79.4205, 106.4348



18.2651, 18.0893, 20.0130



22.5100, 11.4933, 6.0700



2.2405, 1.1386, 0.8480

Previews

White Background



This preview shows how the XYZ color 65.9235, 54.1330, 61.0070 looks on a white background.

Color Contrast Check

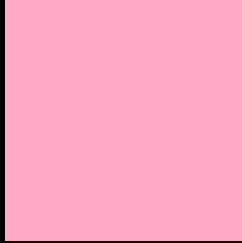
Large Text (above 18pt) WCAG AA × Fail

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 65.9235, 54.1330, 61.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

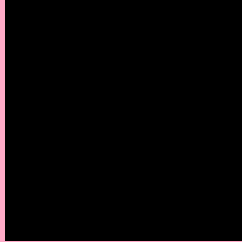
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9235, 54.1330, 61.0070

Background



This preview shows how black text looks on a background with the XYZ color 65.9235, 54.1330, 61.0070.



This preview shows how white text looks on a background with the XYZ color 65.9235, 54.1330,

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

65.9235, 54.1330, 61.0070

Protanopia

53.0725, 54.2815, 70.6309

Deuteranopia

55.6020, 54.5268, 59.8187



Tritanopia

64.3825, 54.0787, 52.9438

Trichromacy



Original Color

65.9235, 54.1330, 61.0070



Protanomaly

57.0530, 53.8509, 67.0618



Deuteranomaly

58.8009, 53.9811, 60.1436



Tritanomaly

64.7302, 53.9144, 55.7101

Monochromacy



Original Color

65.9235, 54.1330, 61.0070



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.5054, 55.1500, 61.6470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9235, 54.1330, 61.0070 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, 170, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 199)  
}
```

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, 170, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 199) }
```

Border

The CSS property to change the border of an element to XYZ 65.9235, 54.1330, 61.0070 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, 170, 199) }
```


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

```
.border{ border-color:rgb(255, 170, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9235, 54.1330, 61.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 199) }
```

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

```
.background{ background-color: rgb(255,  
170, 199) }
```

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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