

Converting Colors

XYZ(71.7982, 57.1511, 60.2470)

Have a look what the booklet for
XYZ(71.7982, 57.1511, 60.2470)
contains.

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Color

**XYZ(65.6928, 54.0407,
59.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAC5
RGB	255, 170, 197
RGB Percent	100%, 67%, 77%
CMY	0.0000, 0.3333, 0.2274
CMYK	0.00, 0.33, 0.23, 0.00
HSL	341°, 100%, 83%
HSV	341°, 33%, 100%
XYZ	65.6928, 54.0407, 59.7918
YIQ	198.4930, 41.9930, 26.4170

Conversions

Conversions Part 2

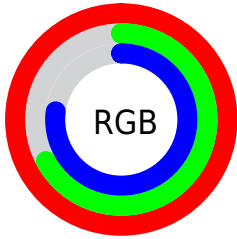
Format	Color
R_{YB}	255, 170, 197
Decimal	16755397
CIE _{Lab}	78.49, 34.81, -0.87
CIE _{LCh}	78, 34.822, 358.564
Yxy	54.0407, 0.3659, 0.3010
Android (android.graphics.Color)	4294945477 (0xFFFFAAC5)
YUV	198.4930, -0.7360, 49.5566
Hunter-Lab	73.5124, 30.8661, 3.2347

Details

The XYZ color **65.6928, 54.0407, 59.7918** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.3433, 85.6685, 86.4417**, and the grayscale version is **53.9642, 56.7746, 61.8275**.

A 20% lighter version of the original color is **86.3257, 82.8085, 105.1997**, and **34.3452, 26.5761, 29.3061** is the 20% darker color. If you saturate the color by 10%, you get **59.4877, 44.6393, 48.4476**, and if you desaturate by 10%, it is **73.0578, 65.3932, 72.6595**.

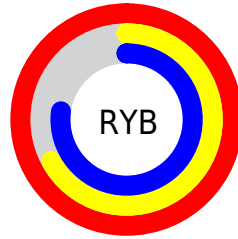
Distribution



Red (100%)

Green (67%)

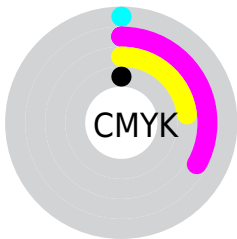
Blue (77%)



Red (100%)

Yellow (67%)

Blue (77%)

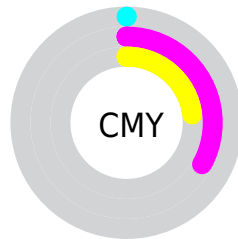


Cyan (0%)

Magenta (33%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6928, 54.0407, 59.7918 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 65.6928, 54.0407, 59.7918 by changing the saturation by 10% instead.


 65.6928, 54.0407,
59.7918

 65.6928, 54.0407,
59.7918


434.7834,
402.2652, 441.6132

 48.2899, 38.6342,
42.8266


 112.1055, 96.1340,
106.0680

 34.2687, 26.4753,
29.4187


141.8459,
123.5896, 136.2161

 23.2640, 17.1795,
19.1495


176.4296,
155.8303, 171.5957

 14.9103, 10.3626,
11.6005

216.2218,
193.2406, 212.6251

 8.8424, 5.6400,
6.3530

261.5879,
236.2049, 259.7231

 4.6948, 2.6274,
2.9887

312.8933,

 2.1022, 0.9405,

285.1075, 313.3081

1.0888

370.5034,
340.3328, 373.7986

■ 0.6904, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6928, 54.0407,
59.7918

■ 65.6928, 54.0407,
59.7918

■ 59.4877, 44.6393,
48.4476

■ 73.0578, 65.3932,
72.6595

■ 54.3769, 37.0709,
38.5647

■ 81.6357, 78.7913,
87.1029

■ 50.2942, 31.2160,
30.0810

■ 91.4808, 94.3323,
103.1759

■ 47.1642, 26.9377,
22.9283

95.0500, 100.0000,
108.9000

■ 44.9003, 24.0778,
17.0317

■ 43.3984, 22.4443,
12.3070

■ 42.7248, 21.8539,
9.7490

Harmonies

Analogous

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



63.4453, 54.0407, 80.7957



65.6928, 54.0407, 59.7918



63.8262, 54.0407, 42.5809

Triad

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



65.6928, 54.0407, 59.7918



45.3186, 54.0407, 31.5336



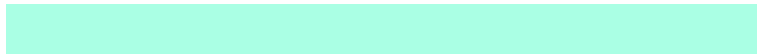
44.7945, 54.0407, 97.2637

Complementary

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



65.6928, 54.0407, 59.7918



66.3433, 85.6685, 86.4417

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.



40.6398, 54.0407, 78.7892



65.6928, 54.0407, 59.7918



40.9229, 54.0407, 41.2743

Square

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



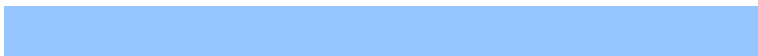
65.6928, 54.0407, 59.7918



51.6949, 54.0407, 28.6069



39.2869, 54.0407, 57.9006



51.0346, 54.0407, 105.1960

Rectangle

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



65.6928, 54.0407, 59.7918



60.5857, 54.0407, 34.8444



39.2869, 54.0407, 57.9006



43.1291, 54.0407, 91.9041

Sweetspot

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



65.6941, 54.0431, 59.7929



84.7716, 83.7252, 92.2730



64.0001, 52.2490, 101.3196



17.8577, 17.4688, 19.2786



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.



65.6941, 54.0431, 59.7929



61.4301, 47.5620, 52.0611



65.6726, 58.5150, 45.8666



18.2471, 18.0821, 19.9182



22.3842, 11.4430, 5.4075



2.2266, 1.1330, 0.7748

Inverse Universe

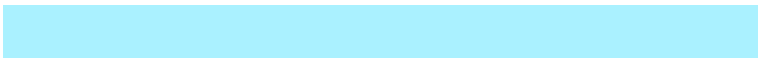
The Inverse Universe completely reimagines the original color for something new.



65.6941, 54.0431, 59.7929



61.4301, 47.5620, 52.0611



66.0353, 78.5794, 106.2946



18.2471, 18.0821, 19.9182



22.3842, 11.4430, 5.4075



2.2266, 1.1330, 0.7748

Previews

White Background



This preview shows how the XYZ color 65.6928, 54.0407, 59.7918 looks on a white background.

Color Contrast Check

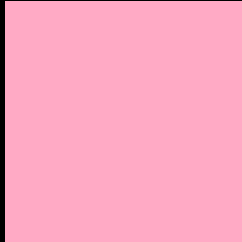
Large Text (above 18pt) WCAG AA × Fail

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 65.6928, 54.0407, 59.7918 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 65.6928, 54.0407, 59.7918

Background



This preview shows how black text looks on a background with the XYZ color 65.6928, 54.0407, 59.7918.



This preview shows how white text looks on a background with the XYZ color 65.6928, 54.0407,

59.7918.

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

65.6928, 54.0407, 59.7918

Protanopia

52.8202, 54.1805, 69.3020

Deuteranopia

55.4524, 54.1576, 58.5697



Tritanopia

64.3825, 54.0787, 52.9438

Trichromacy



Original Color

65.6928, 54.0407, 59.7918



Protanomaly

56.8084, 53.7531, 65.7738



Deuteranomaly

58.6873, 53.6459, 58.8913



Tritanomaly

64.6213, 53.8708, 55.1363

Monochromacy



Original Color

65.6928, 54.0407, 59.7918



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.3897, 55.1037, 61.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6928, 54.0407, 59.7918 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.6928, 54.0407, 59.7918 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, 197) }
```


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

```
.border{ border-color:rgb(255, 170, 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, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 170, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 170, 197); box-shadow:4px 4px 4px 4px rgb(255, 170, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6928, 54.0407, 59.7918 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, 197) }
```

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

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