

Converting Colors

XYZ(64.7348, 54.9972, 59.4485)

Have a look what the booklet for
XYZ(64.7348, 54.9972, 59.4485)
contains.

XYZ(64.7181, 54.9695, 59.4237)	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(64.7181, 54.9695,
59.4237)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAFC4
RGB	250, 175, 196
RGB Percent	98%, 69%, 77%
CMY	0.0196, 0.3137, 0.2314
CMYK	0.00, 0.30, 0.22, 0.02
HSL	343°, 88%, 83%
HSV	343°, 30%, 98%
XYZ	64.7181, 54.9695, 59.4237
YIQ	199.8190, 37.9590, 22.4310

Conversions

Conversions Part 2

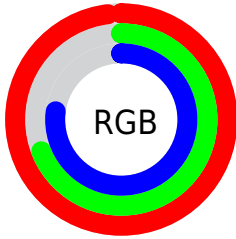
Format	Color
R _Y B	250, 175, 196
Decimal	16428996
CIE Lab	79.02, 30.29, 0.39
CIE LCh	79, 30.296, 0.742
Yxy	54.9695, 0.3613, 0.3069
Android (android.graphics.Color)	4294619076 (0xFFFAAFC4)
YUV	199.8190, -1.8828, 44.0087
Hunter-Lab	74.1414, 26.0653, 4.3786

Details

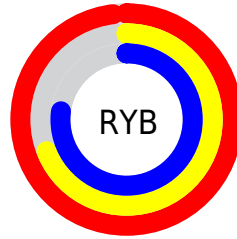
The XYZ color **64.7181, 54.9695, 59.4237** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0100, 83.1436, 86.7021**, and the grayscale version is **54.7846, 57.6376, 62.7674**.

A 20% lighter version of the original color is **87.5455, 85.5037, 104.8182**, and **33.5802, 27.0785, 29.0480** is the 20% darker color. If you saturate the color by 10%, you get **58.3677, 45.3531, 47.7972**, and if you desaturate by 10%, it is **72.2182, 66.4907, 72.6476**.

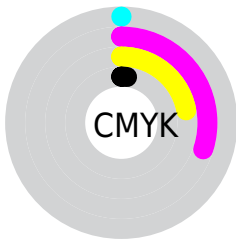
Distribution



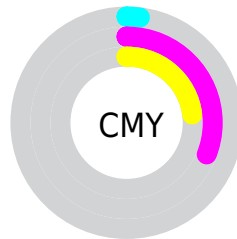
- Red (98%)
- Green (69%)
- Blue (77%)



- Red (98%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7181, 54.9695, 59.4237 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 64.7181, 54.9695, 59.4237 by changing the saturation by 10% instead.


 64.7181, 54.9695,
59.4237

 64.7181, 54.9695,
59.4237


431.3395,
405.7963, 440.2158

 47.4964, 39.3773,
42.5320


 110.7124, 97.4963,
105.5284

 33.6378, 27.0534,
29.1894


140.2158,
125.1996, 135.5785

 22.7771, 17.6133,
18.9774


174.5437,
157.7088, 170.8518

 14.5488, 10.6727,
11.4773

214.0616,
195.4083, 211.7669

 8.5876, 5.8472,
6.2706

259.1347,
238.6823, 258.7423

 4.5281, 2.7524,
2.9389

310.1285,

 2.0050, 1.0039,

287.9154, 312.1966

1.0635

367.4083,
343.4920, 372.5482

■ 0.6368, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7181, 54.9695,
59.4237

■ 64.7181, 54.9695,
59.4237

■ 58.3677, 45.3531,
47.7972

■ 72.2182, 66.4907,
72.6476

■ 53.1040, 37.5309,
37.7024

■ 80.9174, 80.0044,
87.5242

■ 48.8646, 31.3925,
29.0741

■ 90.8682, 95.6017,
104.1101

■ 45.5788, 26.8122,
21.8406

■ 93.2345, 99.0641,
108.8150

■ 43.1666, 23.6463,
15.9234

■ 41.5335, 21.7241,
11.2353

■ 40.5298, 20.7663,
7.6653

■ 40.5296, 20.7661,
7.6645

Harmonies

Analogous

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



63.0282, 54.9695, 77.5914



64.7181, 54.9695, 59.4237



62.8583, 54.9695, 44.4337

Triad

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



64.7181, 54.9695, 59.4237



46.5418, 54.9695, 35.6101



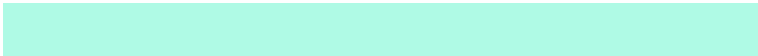
46.7829, 54.9695, 93.7444

Complementary

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



64.7181, 54.9695, 59.4237



66.0100, 83.1436, 86.7021

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.



42.9024, 54.9695, 78.4798



64.7181, 54.9695, 59.4237



42.7709, 54.9695, 45.0468

Square

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



64.7181, 54.9695, 59.4237



52.0969, 54.9695, 32.4123



41.4904, 54.9695, 60.2832



52.3971, 54.9695, 99.5703

Rectangle

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



64.7181, 54.9695, 59.4237



59.9323, 54.9695, 37.6485



41.4904, 54.9695, 60.2832



45.2482, 54.9695, 89.4186

Sweetspot

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



64.7196, 54.9721, 59.4248



85.6132, 85.2024, 93.1886



64.8206, 54.1818, 97.4845



18.0199, 17.7609, 19.4320



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

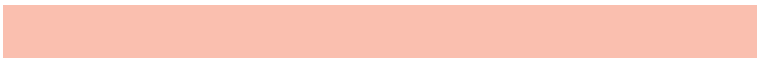
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.7196, 54.9721, 59.4248



63.5472, 51.1952, 54.6194



65.8495, 60.7924, 48.8242



17.4443, 17.3051, 18.9295



21.5506, 11.0359, 4.3417



2.0390, 1.0393, 0.6289

Inverse Universe

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



64.7196, 54.9721, 59.4248



63.5472, 51.1952, 54.6194



64.2882, 74.7212, 101.4771



17.4443, 17.3051, 18.9295



21.5506, 11.0359, 4.3417



2.0390, 1.0393, 0.6289

Previews

White Background



This preview shows how the XYZ color 64.7181, 54.9695, 59.4237 looks on a white background.

Color Contrast Check

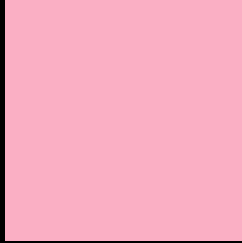
Large Text (above 18pt) WCAG AA × Fail

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 64.7181, 54.9695, 59.4237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

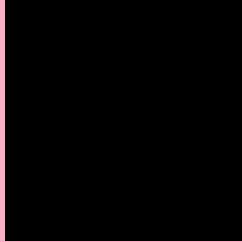
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7181, 54.9695, 59.4237

Background



This preview shows how black text looks on a background with the XYZ color 64.7181, 54.9695, 59.4237.



This preview shows how white text looks on a background with the XYZ color 64.7181, 54.9695,

59.4237.

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

64.7181, 54.9695, 59.4237

Protanopia

53.6652, 55.3200, 67.5239

Deuteranopia

56.3580, 55.2761, 58.1510



Tritanopia

63.8865, 54.9081, 55.9463

Trichromacy



Original Color

64.7181, 54.9695, 59.4237



Protanomaly

57.2012, 54.9250, 64.7135



Deuteranomaly

59.0815, 55.0869, 58.5578



Tritanomaly

64.1067, 54.9962, 57.1057

Monochromacy



Original Color

64.7181, 54.9695, 59.4237



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.8530, 56.2906, 61.8488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7181, 54.9695, 59.4237 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(250, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 196)  
}
```

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(250, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 196) }
```

Border

The CSS property to change the border of an element to XYZ 64.7181, 54.9695, 59.4237 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(250, 175, 196) }
```


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

```
.border{ border-color:rgb(250, 175, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 196);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7181, 54.9695, 59.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 196) }
```

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

```
.background{ background-color: rgb(250,  
175, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor