

Converting Colors

XYZ(67.8943, 62.0809, 59.6675)

Have a look what the booklet for
XYZ(67.8943, 62.0809, 59.6675)
contains.

XYZ(67.8745, 62.1747, 59.4625)	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(67.8745, 62.1747,
59.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C1C2
RGB	249, 193, 194
RGB Percent	98%, 76%, 76%
CMY	0.0235, 0.2431, 0.2392
CMYK	0.00, 0.22, 0.22, 0.02
HSL	359°, 82%, 87%
HSV	359°, 22%, 98%
XYZ	67.8745, 62.1747, 59.4625
YIQ	209.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

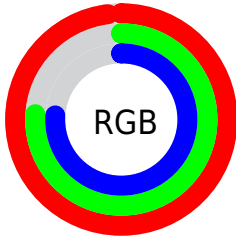
Format	Color
R _Y B	249, 193, 194
Decimal	16368066
CIE Lab	83.01, 20.17, 7.22
CIE LCh	83, 21.420, 19.707
Yxy	62.1747, 0.3582, 0.3281
Android (android.graphics.Color)	4294558146 (0xFFFF9C1C2)
YUV	209.8580, -7.8180, 34.3275
Hunter-Lab	78.8509, 15.6628, 10.4843

Details

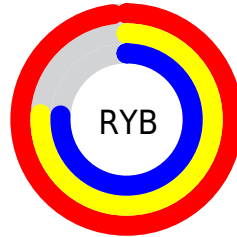
The XYZ color **67.8745, 62.1747, 59.4625** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8138, 85.8676, 101.5476**, and the grayscale version is **61.2013, 64.3885, 70.1191**.

A 20% lighter version of the original color is **92.6809, 96.5333, 104.1905**, and **35.7045, 31.5652, 29.0218** is the 20% darker color. If you saturate the color by 10%, you get **60.3020, 51.0693, 44.4835**, and if you desaturate by 10%, it is **76.8292, 75.3200, 77.1338**.

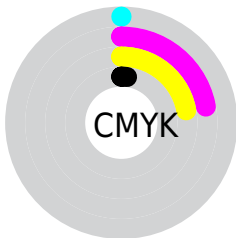
Distribution



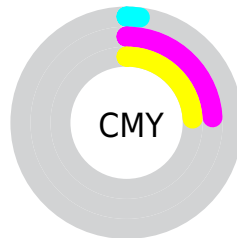
- Red (98%)
- Green (76%)
- Blue (76%)



- Red (98%)
- Yellow (76%)
- Blue (76%)



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





- Cyan (2%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8745, 62.1747, 59.4625 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 67.8745, 62.1747, 59.4625 by changing the saturation by 10% instead.


 67.8745, 62.1747,
59.4625

 67.8745, 62.1747,
59.4625


442.4349,
432.5681, 440.3632

 50.0689, 45.1739,
42.5631


 115.2155,
107.9780, 105.5853

 35.6862, 31.5944,
29.2136

145.4816,
137.5492, 135.6457

 24.3609, 21.0519,
18.9955


180.6320,
172.0794, 170.9303

 15.7278, 13.1619,
11.4902

221.0320,
211.9529, 211.8574

 9.4213, 7.5402,
6.2793

267.0469,
257.5541, 258.8458

 5.0763, 3.8021,
2.9441


319.0421,

 2.3273, 1.5635,


309.2675, 312.3138


1.0662


377.3830,
367.4773, 372.6801


 0.8086, 0.3328,
0.0000


 0.0000, 0.0000,
0.0000


 67.8745, 62.1747,
59.4625


 67.8745, 62.1747,
59.4625


 60.3020, 51.0693,
44.4835


 76.8292, 75.3200,
77.1338

 54.0380, 41.8937,
32.0612

 87.2248, 90.5911,
97.6164

 49.0101, 34.5403,
22.0540

 92.8771, 98.8798,
108.7983

 45.1364, 28.8877,
14.3047

■ 42.3254, 24.7997,
8.6382

■ 40.4715, 22.1193,
4.8529

■ 39.4477, 20.6567,
2.7081

■ 39.0914, 20.1495,
1.9560

Harmonies

Analogous

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



68.2899, 62.1747, 72.3541



67.8745, 62.1747, 59.4625



65.0386, 62.1747, 50.0605

Triad

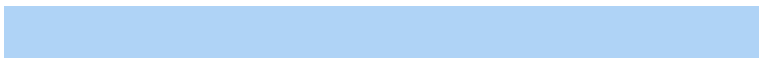
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8745, 62.1747, 59.4625



52.5644, 62.1747, 52.5182



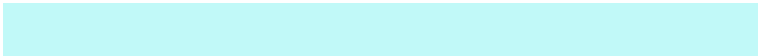
57.5194, 62.1747, 95.9951

Complementary

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



67.8745, 62.1747, 59.4625



72.8138, 85.8676, 101.5476

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.



53.5254, 62.1747, 89.0557



67.8745, 62.1747, 59.4625



50.7652, 62.1747, 63.2455

Square

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



67.8745, 62.1747, 59.4625



56.1450, 62.1747, 46.4285



51.1076, 62.1747, 76.6601



62.1469, 62.1747, 94.6352

Rectangle

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



67.8745, 62.1747, 59.4625



62.2354, 62.1747, 46.4978



51.1076, 62.1747, 76.6601



56.0625, 62.1747, 94.5239

Sweetspot

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



67.8762, 62.1776, 59.4638



86.9221, 88.0571, 92.8946



74.5754, 64.7807, 98.1964



18.4626, 18.6388, 19.6029



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.



67.8762, 62.1776, 59.4638



67.8403, 60.0449, 55.2381



74.0607, 74.7248, 60.9755



17.2571, 17.2302, 17.9439



20.9303, 10.7878, 1.0754



1.9428, 1.0008, 0.1220

Inverse Universe

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



67.8762, 62.1776, 59.4638



67.8403, 60.0449, 55.2381



65.4457, 70.8837, 99.8556



17.2571, 17.2302, 17.9439



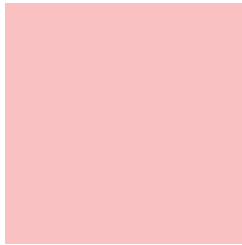
20.9303, 10.7878, 1.0754



1.9428, 1.0008, 0.1220

Previews

White Background



This preview shows how the XYZ color 67.8745, 62.1747, 59.4625 looks on a white background.

Color Contrast Check

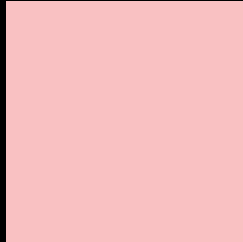
Large Text (above 18pt) WCAG AA × Fail

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 67.8745, 62.1747, 59.4625 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 67.8745, 62.1747, 59.4625

Background



This preview shows how black text looks on a background with the XYZ color 67.8745, 62.1747, 59.4625.



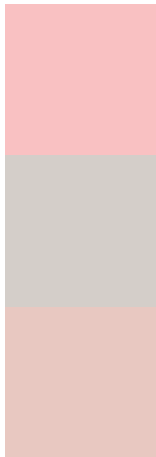
This preview shows how white text looks on a background with the XYZ color 67.8745, 62.1747,

59.4625.

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

67.8745, 62.1747, 59.4625

Protanopia

59.7653, 62.3567, 64.1444

Deuteranopia

63.5586, 62.3146, 59.1301



Tritanopia

69.1957, 62.0418, 66.7208

Trichromacy



Original Color

67.8745, 62.1747, 59.4625

Protanomaly

62.1310, 61.8581, 62.0912

Deuteranomaly

64.8518, 61.9599, 58.9935

Tritanomaly

68.9346, 62.2875, 64.2666

Monochromacy



Original Color

67.8745, 62.1747, 59.4625

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2324, 63.3927, 66.0300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8745, 62.1747, 59.4625 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(249, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(249, 193, 194)  
}
```

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(249, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 193, 194) }
```

Border

The CSS property to change the border of an element to XYZ 67.8745, 62.1747, 59.4625 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(249, 193, 194) }
```


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

```
.border{ border-color:rgb(249, 193, 194) }
```

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

Here you see how a box with a 4 pixel rgb(249, 193, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(249, 193,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8745, 62.1747, 59.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 193, 194) }
```

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

```
.background{ background-color: rgb(249,  
193, 194) }
```

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