

Converting Colors

XYZ(64.3914, 60.8536, 57.7608)

Have a look what the booklet for
XYZ(64.3914, 60.8536, 57.7608)
contains.

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Color

**XYZ(64.2924, 60.6959,
57.6171)**

Conversions

Conversions Part 1	
Format	Color
Hex	EFC2BF
RGB	239, 194, 191
RGB Percent	94%, 76%, 75%
CMY	0.0627, 0.2392, 0.2510
CMYK	0.00, 0.19, 0.20, 0.06
HSL	4°, 60%, 84%
HSV	4°, 20%, 94%
XYZ	64.2924, 60.6959, 57.6171
YIQ	207.1130, 27.7830, 8.6070

Conversions

Conversions Part 2

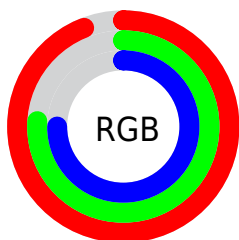
Format	Color
RYB	239, 194, 191
Decimal	15712959
CIELab	82.21, 15.57, 7.57
CIELCh	82, 17.313, 25.920
Yxy	60.6959, 0.3521, 0.3324
Android (android.graphics.Color)	4293903039 (0xFFEFC2BF)
YUV	207.1130, -7.9437, 27.9649
Hunter-Lab	77.9076, 10.9670, 10.6870

Details

The XYZ color **64.2924, 60.6959, 57.6171** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0607, 77.2974, 93.0473**, and the grayscale version is **59.4194, 62.5139, 68.0776**.

A 20% lighter version of the original color is **92.5257, 96.9698, 101.8361**, and **33.2569, 30.5362, 28.1860** is the 20% darker color. If you saturate the color by 10%, you get **57.2581, 50.4983, 43.3377**, and if you desaturate by 10%, it is **72.5110, 72.5741, 74.4101**.

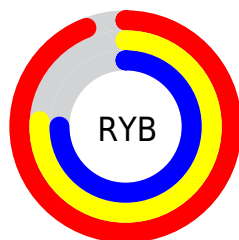
Distribution



Red (94%)

Green (76%)

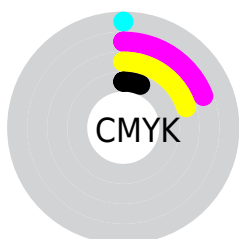
Blue (75%)



Red (94%)

Yellow (76%)

Blue (75%)

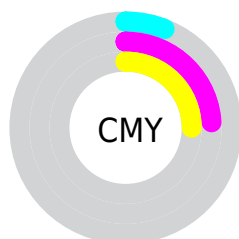


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (6%)



Cyan (6%)


Magenta (24%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2924, 60.6959, 57.6171 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 64.2924, 60.6959, 57.6171 by changing the saturation by 10% instead.


 64.2924, 60.6959,
57.6171

 64.2924, 60.6959,
57.6171


429.8303,
427.1581, 433.3160

 47.1501, 43.9798,
41.0882


 110.1033,
105.8385, 102.8743

 33.3628, 30.6546,
28.0678

139.5026,
135.0338, 132.4398

 22.5651, 20.3360,
18.1373

173.7184,
169.1576, 167.1878

 14.3916, 12.6395,
10.8781

213.1158,
208.5943, 207.5370

 8.4771, 7.1808,
5.8718

258.0604,
253.7283, 253.9059

 4.4560, 3.5754,
2.6998


308.9174,


 1.9632, 1.4390,


304.9440, 306.7130


0.9433


366.0523,
362.6258, 366.3768


 0.6132, 0.2452,
0.0000


 0.0000, 0.0000,
0.0000


 64.2924, 60.6959,
57.6171

 64.2924, 60.6959,
57.6171


 57.2581, 50.4983,
43.3377

 72.5110, 72.5741,
74.4101

 51.3488, 41.8976,
31.4473

 81.9596, 86.1953,
93.8253

 46.5075, 34.8155,
21.8166

 89.4069, 97.0909,
108.6359

 42.6703, 29.1636,
14.3025

■ 39.7665, 24.8446,
8.7455

■ 37.7162, 21.7490,
4.9634

■ 36.4257, 19.7498,
2.7402

■ 35.7671, 18.6914,
1.7227

Harmonies

Analogous

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



65.0414, 60.6959, 67.5401



64.2924, 60.6959, 57.6171



61.7472, 60.6959, 50.6801

Triad

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



64.2924, 60.6959, 57.6171



52.0237, 60.6959, 55.3675



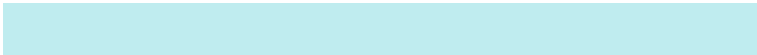
57.1876, 60.6959, 88.4383

Complementary

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



64.2924, 60.6959, 57.6171



67.0607, 77.2974, 93.0473

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.



53.8138, 60.6959, 84.3383



64.2924, 60.6959, 57.6171



50.9139, 60.6959, 64.6559

Square

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



64.2924, 60.6959, 57.6171



54.6508, 60.6959, 49.4815



51.5551, 60.6959, 75.3499



60.8391, 60.6959, 86.0464

Rectangle

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



64.2924, 60.6959, 57.6171



59.4286, 60.6959, 48.3116



51.5551, 60.6959, 75.3499



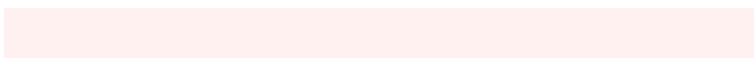
55.9849, 60.6959, 87.7629

Sweetspot

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



64.2941, 60.6987, 57.6184



88.2777, 90.2416, 94.9702



69.4557, 61.7042, 88.0647



18.7441, 19.0977, 20.0175



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.



64.2941, 60.6987, 57.6184



71.0649, 65.3656, 59.7925



69.9173, 71.9452, 59.4928



15.8522, 15.9175, 16.3866



19.7969, 10.3918, 0.9624



1.6746, 0.9199, 0.0893

Inverse Universe

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



67.0607, 77.2974, 93.0473



74.7969, 87.7631, 107.6055



60.7603, 64.6966, 90.9472



16.1577, 17.7495, 20.2960



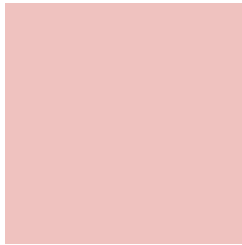
23.3829, 32.9901, 50.2632



1.9707, 2.7954, 4.1899

Previews

White Background



This preview shows how the XYZ color 64.2924, 60.6959, 57.6171 looks on a white background.

Color Contrast Check

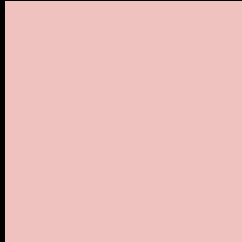
Large Text (above 18pt) WCAG AA × Fail

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 64.2924, 60.6959, 57.6171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

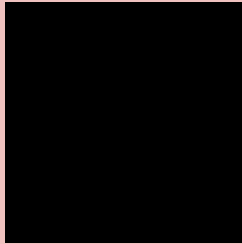
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2924, 60.6959, 57.6171

Background



This preview shows how black text looks on a background with the XYZ color 64.2924, 60.6959, 57.6171.

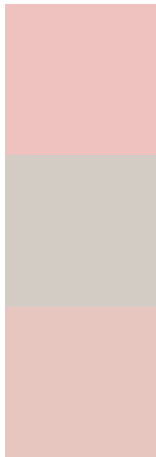


This preview shows how white text looks on a background with the XYZ color 64.2924, 60.6959,

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

64.2924, 60.6959, 57.6171

Protanopia

58.1350, 60.8729, 60.9102

Deuteranopia

62.1215, 60.9289, 57.2015




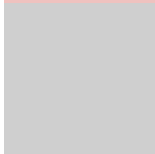
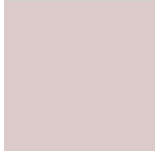
Tritanopia

66.2658, 60.8563, 66.6464

Trichromacy

	Original Color 64.2924, 60.6959, 57.6171
	Protanomaly 60.2107, 60.5757, 59.5578
	Deuteranomaly 62.8648, 60.9738, 57.1710
	Tritanomaly 65.5478, 60.8822, 63.5550

Monochromacy

	Original Color 64.2924, 60.6959, 57.6171
	Achromatopsia 59.3074, 62.3960, 67.9493
	Achromatomaly 60.8766, 61.5182, 63.9240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2924, 60.6959, 57.6171 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(239, 194, 191) looks like.

```
.text, #text, p{  
    color:rgb(239, 194, 191)  
}
```

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(239, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 194, 191) }
```

Border

The CSS property to change the border of an element to XYZ 64.2924, 60.6959, 57.6171 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(239, 194, 191) }
```


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

```
.border{ border-color:rgb(239, 194, 191) }
```

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

Here you see how a box with a 4 pixel rgb(239, 194, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(239, 194,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2924, 60.6959, 57.6171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 194, 191) }
```

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

```
.background{ background-color: rgb(239,  
194, 191) }
```

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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