

Converting Colors

XYZ(60.4046, 59.5242, 54.0841)

Have a look what the booklet for
XYZ(60.4046, 59.5242, 54.0841)
contains.

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Color

**XYZ(60.4918, 59.4766,
54.1908)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C4B9
RGB	228, 196, 185
RGB Percent	89%, 77%, 73%
CMY	0.1059, 0.2314, 0.2745
CMYK	0.00, 0.14, 0.19, 0.11
HSL	15°, 44%, 81%
HSV	15°, 19%, 89%
XYZ	60.4918, 59.4766, 54.1908
YIQ	204.3140, 22.6030, 3.3630

Conversions

Conversions Part 2

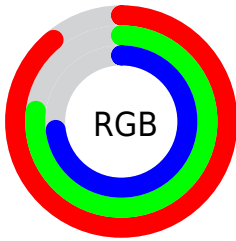
Format	Color
R _Y B	228, 200, 185
Decimal	14992569
CIE Lab	81.55, 9.60, 9.70
CIE LCh	82, 13.646, 45.292
Yxy	59.4766, 0.3473, 0.3415
Android (android.graphics.Color)	4293182649 (0xFFE4C4B9)
YUV	204.3140, -9.5218, 20.7726
Hunter-Lab	77.1211, 5.0490, 12.3233

Details

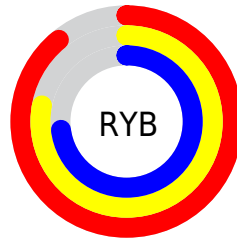
The XYZ color **60.4918, 59.4766, 54.1908** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.8236, 65.5399, 82.9494**, and the grayscale version is **57.6428, 60.6447, 66.0421**.

A 20% lighter version of the original color is **92.2425, 97.8614, 97.2465**, and **30.8511, 29.7826, 25.9524** is the 20% darker color. If you saturate the color by 10%, you get **54.6628, 51.3662, 41.3100**, and if you desaturate by 10%, it is **67.1428, 68.6122, 69.2512**.

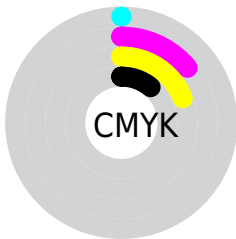
Distribution



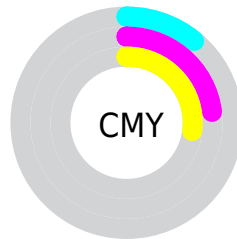
- Red (89%)
- Green (77%)
- Blue (73%)



- Red (89%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (11%)




- Cyan (11%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4918, 59.4766, 54.1908 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 60.4918, 59.4766, 54.1908 by changing the saturation by 10% instead.


 60.4918, 59.4766,
54.1908

 60.4918, 59.4766,
54.1908


416.2139,
422.6658, 420.0323

 44.0661, 42.9969,
38.3600


 104.6450,
104.0700, 97.8136

 30.9206, 29.8827,
25.9582


133.1033,
132.9526, 126.4426

 20.6900, 19.7496,
16.5669


166.3032,
166.7381, 160.1748

 13.0087, 12.2131,
9.7675

204.6101,
205.8112, 199.4288

 7.5116, 6.8890,
5.1415

248.3892,
250.5561, 244.6229

 3.8332, 3.3928,
2.2703

298.0060,

 1.6082, 1.3401,

301.3572, 296.1759

0.7145

353.8258,
358.5990, 354.5062

0.3978, 0.1719,
0.0000

0.0000, 0.0000,
0.0000

60.4918, 59.4766,
54.1908

60.4918, 59.4766,
54.1908

54.6628, 51.3662,
41.3100

67.1428, 68.6122,
69.2512

49.6183, 44.2370,
30.5036

74.6417, 78.7991,
86.5823

45.3248, 38.0535,
21.6631

83.0194, 90.0727,
106.2745

41.7446, 32.7748,
14.6689

85.8051, 95.2341,
108.4673

■ 38.8365, 28.3571,
9.3880

■ 36.5546, 24.7527,
5.6692

■ 34.8463, 21.9087,
3.3347

■ 33.6401, 19.7613,
2.1160

■ 33.5258, 19.5555,
2.0076

Harmonies

Analogous

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



62.0077, 59.4766, 60.6910



60.4918, 59.4766, 54.1908



57.9397, 59.4766, 50.6787

Triad

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



60.4918, 59.4766, 54.1908



51.3725, 59.4766, 60.8397



57.9948, 59.4766, 81.1857

Complementary

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



60.4918, 59.4766, 54.1908



58.8236, 65.5399, 82.9494

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.



55.1448, 59.4766, 81.2340



60.4918, 59.4766, 54.1908



51.3861, 59.4766, 69.0067

Square

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



60.4918, 59.4766, 54.1908



52.7086, 59.4766, 54.2917



52.7465, 59.4766, 76.6210



60.5333, 59.4766, 76.4940

Rectangle

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



60.4918, 59.4766, 54.1908



56.0246, 59.4766, 50.2981



52.7465, 59.4766, 76.6210



57.0399, 59.4766, 81.7578

Sweetspot

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



60.4934, 59.4793, 54.1920



89.1587, 92.0036, 95.2639



61.9015, 56.2154, 73.4050



18.9516, 19.5127, 20.0867



0.0000, 0.0000, 0.0000



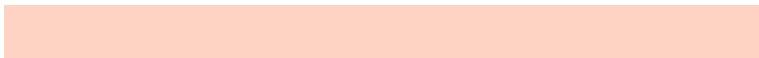
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4934, 59.4793, 54.1920



74.6273, 72.0287, 62.4033



65.6298, 69.7521, 55.9042



14.6753, 14.9645, 15.0194



19.4396, 11.4534, 1.1861



1.5098, 0.9930, 0.1121

Inverse Universe

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



58.8236, 65.5399, 82.9494



72.0635, 81.3175, 106.5054



53.6955, 55.2837, 81.2401



14.4789, 15.6791, 18.4076



16.4490, 19.9602, 45.3689



1.2890, 1.6219, 3.3771

Previews

White Background



This preview shows how the XYZ color 60.4918, 59.4766, 54.1908 looks on a white background.

Color Contrast Check

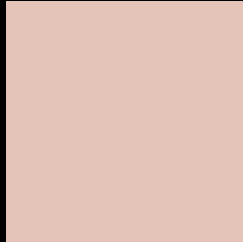
Large Text (above 18pt) WCAG AA × Fail

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 60.4918, 59.4766, 54.1908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

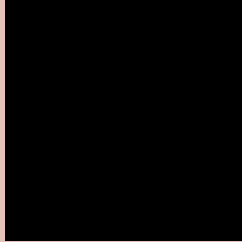
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4918, 59.4766, 54.1908

Background



This preview shows how black text looks on a background with the XYZ color 60.4918, 59.4766, 54.1908.



This preview shows how white text looks on a background with the XYZ color 60.4918, 59.4766,

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

60.4918, 59.4766, 54.1908

Protanopia

56.7760, 59.5735, 56.0834

Deuteranopia

60.8100, 59.6407, 54.2057



Tritanopia

63.4101, 59.6829, 67.8524

Trichromacy



Original Color

60.4918, 59.4766, 54.1908

Protanomaly

58.2392, 59.6481, 55.4574

Deuteranomaly

60.8100, 59.6407, 54.2057

Tritanomaly

62.3502, 59.5767, 62.8568

Monochromacy



Original Color

60.4918, 59.4766, 54.1908

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.4053, 59.9506, 61.3167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4918, 59.4766, 54.1908 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(228, 196, 185)` looks like.

```
.text, #text, p{  
    color:rgb(228, 196, 185)  
}
```

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(228, 196, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 196, 185) }
```

Border

The CSS property to change the border of an element to XYZ 60.4918, 59.4766, 54.1908 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(228, 196, 185) }
```


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

```
.border{ border-color:rgb(228, 196, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 196, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 196, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 196, 185); box-shadow:4px 4px 4px 4px rgb(228, 196, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4918, 59.4766, 54.1908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 196, 185) }
```

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

```
.background{ background-color: rgb(228,  
196, 185) }
```

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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