

Converting Colors

XYZ(63.5244, 60.1518, 49.3366)

Have a look what the booklet for
XYZ(63.5244, 60.1518, 49.3366)
contains.

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Color

**XYZ(63.5244, 60.1518,
49.3366)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C1B0
RGB	242, 193, 176
RGB Percent	95%, 76%, 69%
CMY	0.0510, 0.2431, 0.3098
CMYK	0.00, 0.20, 0.27, 0.05
HSL	15°, 72%, 82%
HSV	15°, 27%, 95%
XYZ	63.5244, 60.1518, 49.3366
YIQ	205.7130, 34.6610, 5.1010

Conversions

Conversions Part 2

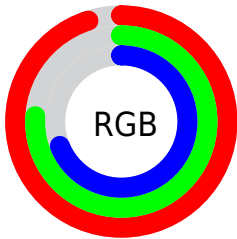
Format	Color
R _Y B	242, 199, 176
Decimal	15909296
CIE Lab	81.92, 15.09, 15.21
CIE LCh	82, 21.425, 45.243
Yxy	60.1518, 0.3672, 0.3477
Android (android.graphics.Color)	4294099376 (0xFFFF2C1B0)
YUV	205.7130, -14.6485, 31.8237
Hunter-Lab	77.5576, 10.4766, 16.5743

Details

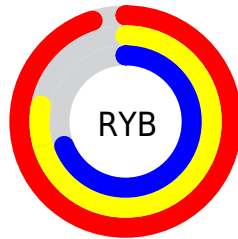
The XYZ color **63.5244, 60.1518, 49.3366** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.8559, 69.4892, 94.2100**, and the grayscale version is **58.5592, 61.6089, 67.0921**.

A 20% lighter version of the original color is **89.9911, 95.4574, 90.0260**, and **32.8154, 30.2096, 22.8404** is the 20% darker color. If you saturate the color by 10%, you get **57.6073, 51.8138, 36.5854**, and if you desaturate by 10%, it is **70.3540, 69.6310, 64.4992**.

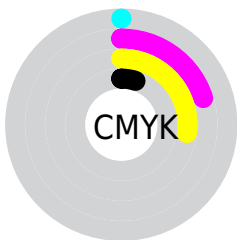
Distribution



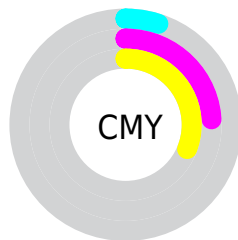
- Red (95%)
- Green (76%)
- Blue (69%)



- Red (95%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5244, 60.1518, 49.3366 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 63.5244, 60.1518, 49.3366 by changing the saturation by 10% instead.


 63.5244, 60.1518,
49.3366

 63.5244, 60.1518,
49.3366


427.0996,
425.1571, 400.7264

 46.5258, 43.5410,
34.5191


 109.0033,
105.0498, 90.5773

 32.8673, 30.3098,
23.0121


138.2143,
134.1059, 117.8376

 22.1836, 20.0739,
14.3970


172.2268,
168.0791, 150.0826

 14.1092, 12.4488,
8.2554

211.4062,
207.3539, 187.7308

 8.2789, 7.0501,
4.1687

256.1178,
252.3147, 231.2007

 4.3272, 3.4934,
1.7184

306.7270,

 1.8889, 1.3944,

303.3459, 280.9109

0.3733

363.5992,
360.8319, 337.2800

■ 0.5704, 0.2126,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5244, 60.1518,
49.3366

■ 63.5244, 60.1518,
49.3366

■ 57.6073, 51.8138,
36.5854

■ 70.3540, 69.6310,
64.4992

■ 52.5581, 44.5651,
26.1166

■ 78.1287, 80.2841,
82.1854

■ 48.3352, 38.3622,
17.7949

■ 86.8852, 92.1528,
102.5049

■ 44.8919, 33.1552,
11.4691

■ 90.4281, 97.6173,
108.6837

■ 42.1760, 28.8899,
6.9680

■ 40.1284, 25.5064,
4.0909

■ 38.6764, 22.9361,
2.5782

■ 38.3599, 22.3609,
2.2943

Harmonies

Analogous

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



65.9908, 60.1518, 59.1557



63.5244, 60.1518, 49.3366



59.4190, 60.1518, 44.2208

Triad

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



63.5244, 60.1518, 49.3366



49.1597, 60.1518, 59.3469



59.4922, 60.1518, 92.6183

Complementary

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



63.5244, 60.1518, 49.3366



60.8559, 69.4892, 94.2100

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.



54.9834, 60.1518, 92.6873



63.5244, 60.1518, 49.3366



49.1770, 60.1518, 72.2720

Square

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



63.5244, 60.1518, 49.3366



51.2102, 60.1518, 49.4606



51.2588, 60.1518, 84.8447



63.5805, 60.1518, 84.6670

Rectangle

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



63.5244, 60.1518, 49.3366



56.3805, 60.1518, 43.6705



51.2588, 60.1518, 84.8447



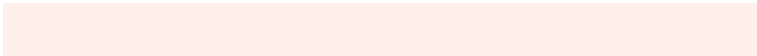
57.9718, 60.1518, 93.5954

Sweetspot

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



63.5260, 60.1546, 49.3378



87.2954, 89.4705, 90.9632



65.8027, 55.3921, 78.8163



18.3898, 18.7477, 18.7938



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.



63.5260, 60.1546, 49.3378



67.5429, 62.1276, 46.8851



71.5154, 76.1335, 52.0010



16.1038, 16.4208, 16.4705



20.7002, 12.1985, 1.2635



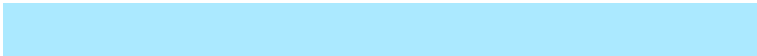
1.7997, 1.1701, 0.1310

Inverse Universe

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



60.8559, 69.4892, 94.2100



64.0411, 74.3195, 105.5775



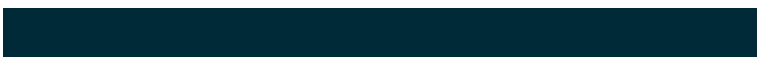
52.8917, 53.5608, 91.5552



15.8826, 17.1993, 20.2043



17.4556, 21.1355, 48.2874



1.5317, 1.9174, 4.0436

Previews

White Background



This preview shows how the XYZ color 63.5244, 60.1518, 49.3366 looks on a white background.

Color Contrast Check

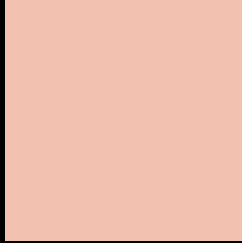
Large Text (above 18pt) WCAG AA × Fail

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 63.5244, 60.1518, 49.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

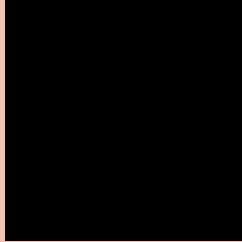
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5244, 60.1518, 49.3366

Background



This preview shows how black text looks on a background with the XYZ color 63.5244, 60.1518, 49.3366.



This preview shows how white text looks on a background with the XYZ color 63.5244, 60.1518,

49.3366.

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

63.5244, 60.1518, 49.3366

Protanopia

57.1370, 60.1942, 52.3233

Deuteranopia

61.4095, 60.0674, 48.9150



Tritanopia

66.7529, 60.1673, 65.2219

Trichromacy



Original Color

63.5244, 60.1518, 49.3366

Protanomaly

59.3006, 59.9488, 51.0936

Deuteranomaly

62.1780, 60.1299, 48.8865

Tritanomaly

65.4593, 59.9550, 59.1613

Monochromacy



Original Color

63.5244, 60.1518, 49.3366

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.9504, 60.7735, 60.2005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5244, 60.1518, 49.3366 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(242, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(242, 193, 176)  
}
```

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(242, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 193, 176) }
```

Border

The CSS property to change the border of an element to XYZ 63.5244, 60.1518, 49.3366 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(242, 193, 176) }
```


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

```
.border{ border-color:rgb(242, 193, 176) }
```

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

Here you see how a box with a 4 pixel rgb(242, 193, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 193, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 193, 176);  
box-shadow:4px 4px 4px 4px rgb(242, 193,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5244, 60.1518, 49.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 193, 176) }
```

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

```
.background{ background-color: rgb(242,  
193, 176) }
```

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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