

Converting Colors

XYZ(63.8897, 60.2778, 49.8282)

Have a look what the booklet for
XYZ(63.8897, 60.2778, 49.8282)
contains.

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Color

**XYZ(63.9679, 60.3689,
49.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C1B1
RGB	243, 193, 177
RGB Percent	95%, 76%, 69%
CMY	0.0471, 0.2431, 0.3059
CMYK	0.00, 0.21, 0.27, 0.05
HSL	15°, 73%, 82%
HSV	15°, 27%, 95%
XYZ	63.9679, 60.3689, 49.8759
YIQ	206.1260, 34.9360, 5.6240

Conversions

Conversions Part 2

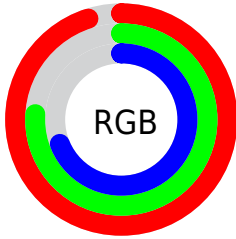
Format	Color
R _Y B	243, 198, 177
Decimal	15974833
CIE Lab	82.04, 15.59, 14.86
CIE LCh	82, 21.539, 43.619
Yxy	60.3689, 0.3672, 0.3465
Android (android.graphics.Color)	4294164913 (0xFFFF3C1B1)
YUV	206.1260, -14.3591, 32.3385
Hunter-Lab	77.6974, 10.9877, 16.3285

Details

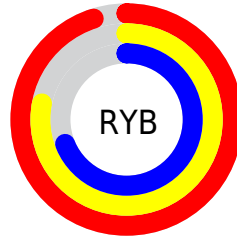
The XYZ color **63.9679, 60.3689, 49.8759** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7775, 70.7543, 95.1952**, and the grayscale version is **58.8216, 61.8849, 67.3927**.

A 20% lighter version of the original color is **90.1336, 95.5144, 90.7764**, and **33.1204, 30.3596, 23.1831** is the 20% darker color. If you saturate the color by 10%, you get **57.9393, 51.8487, 36.9620**, and if you desaturate by 10%, it is **70.9375, 70.0802, 65.2326**.

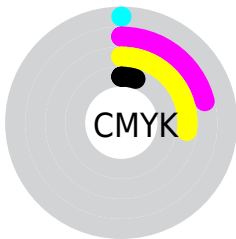
Distribution



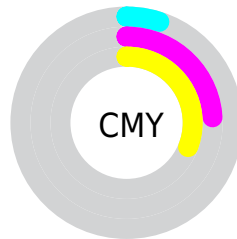
- Red (95%)
- Green (76%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9679, 60.3689, 49.8759 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 63.9679, 60.3689, 49.8759 by changing the saturation by 10% instead.


 63.9679, 60.3689,
49.8759

 63.9679, 60.3689,
49.8759


428.6778,
425.9562, 402.9016

 46.8863, 43.7160,
34.9443


 109.6387,
105.3646, 91.3854

 33.1533, 30.4473,
23.3368


138.9586,
134.4763, 118.8004

 22.4037, 20.1784,
14.6347


173.0886,
168.5097, 151.2136

 14.2721, 12.5248,
8.4197

212.3940,
207.8491, 189.0435

 8.3931, 7.1021,
4.2730

257.2403,
252.8792, 232.7087

 4.4014, 3.5261,
1.7763

307.9928,

 1.9316, 1.4121,

303.9841, 282.6278

0.4123

365.0168,
361.5483, 339.2192

■ 0.5951, 0.2257,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9679, 60.3689,
49.8759

■ 63.9679, 60.3689,
49.8759

■ 57.9393, 51.8487,
36.9620

■ 70.9375, 70.0802,
65.2326

■ 52.8056, 44.4650,
26.3604

■ 78.8820, 81.0178,
83.1457

■ 48.5236, 38.1713,
17.9341

■ 87.8397, 93.2259,
103.7264

■ 45.0446, 32.9144,
11.5300

■ 90.7722, 97.7947,
108.6998

■ 42.3146, 28.6368,
6.9750

■ 40.2721, 25.2744,
4.0662

■ 38.8422, 22.7541,
2.5429

■ 38.5224, 22.1751,
2.2499

Harmonies

Analogous

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



66.3354, 60.3689, 59.9904



63.9679, 60.3689, 49.8759



59.8890, 60.3689, 44.4508

Triad

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



63.9679, 60.3689, 49.8759



49.3660, 60.3689, 58.8965



59.4697, 60.3689, 93.3021

Complementary

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



63.9679, 60.3689, 49.8759



61.7775, 70.7543, 95.1952

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.



54.9398, 60.3689, 92.9068



63.9679, 60.3689, 49.8759



49.2670, 60.3689, 71.8276

Square

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



63.9679, 60.3689, 49.8759



51.5364, 60.3689, 49.1669



51.2585, 60.3689, 84.6347



63.6470, 60.3689, 85.6523

Rectangle

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



63.9679, 60.3689, 49.8759



56.8268, 60.3689, 43.7077



51.2585, 60.3689, 84.6347



57.9345, 60.3689, 94.1336

Sweetspot

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



63.9695, 60.3717, 49.8771



87.2045, 89.2888, 90.9329



66.6329, 56.0789, 80.4208



18.3670, 18.7022, 18.7862



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.



63.9695, 60.3717, 49.8771



67.2631, 61.5679, 46.7918



71.9319, 76.2964, 52.5313



16.8254, 17.1350, 17.2182



21.2299, 12.3454, 1.2640



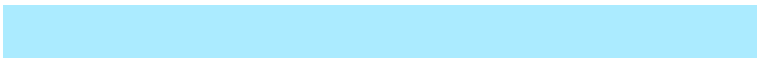
1.9430, 1.2392, 0.1368

Inverse Universe

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



61.7775, 70.7543, 95.1952



64.4041, 75.0455, 105.6985



53.7354, 54.6701, 92.5145



16.6364, 18.0370, 21.1472



18.4052, 22.6041, 49.9310



1.6971, 2.1455, 4.4149

Previews

White Background



This preview shows how the XYZ color 63.9679, 60.3689, 49.8759 looks on a white background.

Color Contrast Check

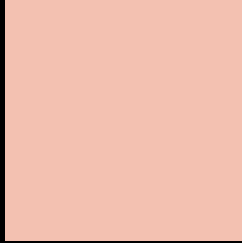
Large Text (above 18pt) WCAG AA × Fail

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 63.9679, 60.3689, 49.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

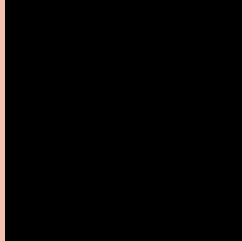
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9679, 60.3689, 49.8759

Background



This preview shows how black text looks on a background with the XYZ color 63.9679, 60.3689, 49.8759.



This preview shows how white text looks on a background with the XYZ color 63.9679, 60.3689,

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

63.9679, 60.3689, 49.8759

Protanopia

57.4769, 60.7093, 52.9447

Deuteranopia

61.7344, 60.5595, 49.5097



Tritanopia

67.1027, 60.3477, 65.2383

Trichromacy



Original Color

63.9679, 60.3689, 49.8759

Protanomaly

59.6330, 60.4511, 51.7053

Deuteranomaly

62.5015, 60.6190, 49.4807

Tritanomaly

65.8072, 60.1344, 59.1776

Monochromacy



Original Color

63.9679, 60.3689, 49.8759

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 63.9679, 60.3689, 49.8759 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(243, 193, 177)` looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 177)  
}
```

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(243, 193, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 177) }
```

Border

The CSS property to change the border of an element to XYZ 63.9679, 60.3689, 49.8759 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(243, 193, 177) }
```


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

```
.border{ border-color:rgb(243, 193, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 193, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 193, 177); box-shadow:4px 4px 4px 4px rgb(243, 193, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9679, 60.3689, 49.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 177) }
```

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

```
.background{ background-color: rgb(243,  
193, 177) }
```

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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