

Converting Colors

XYZ(63.3153, 61.0602, 48.4945)

Have a look what the booklet for
XYZ(63.3153, 61.0602, 48.4945)
contains.

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Color

**XYZ(63.3151, 61.0611,
48.4933)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C4AE
RGB	240, 196, 174
RGB Percent	94%, 77%, 68%
CMY	0.0588, 0.2313, 0.3176
CMYK	0.00, 0.18, 0.27, 0.06
HSL	20°, 69%, 81%
HSV	20°, 27%, 94%
XYZ	63.3151, 61.0611, 48.4933
YIQ	206.6480, 33.2860, 2.4860

Conversions

Conversions Part 2

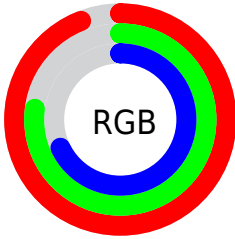
Format	Color
R _Y B	240, 207, 174
Decimal	15778990
CIE Lab	82.41, 12.49, 16.94
CIE LCh	82, 21.046, 53.603
Yxy	61.0611, 0.3663, 0.3532
Android (android.graphics.Color)	4293969070 (0xFFFF0C4AE)
YUV	206.6480, -16.0955, 29.2497
Hunter-Lab	78.1416, 7.8838, 17.9048

Details

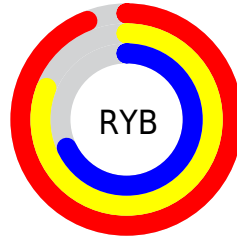
The XYZ color **63.3151, 61.0611, 48.4933** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.2545, 65.4309, 91.9975**, and the grayscale version is **59.1683, 62.2496, 67.7899**.

A 20% lighter version of the original color is **90.6482, 97.2237, 88.8513**, and **32.7143, 30.8184, 22.6367** is the 20% darker color. If you saturate the color by 10%, you get **57.7633, 53.3730, 36.1124**, and if you desaturate by 10%, it is **69.6731, 69.6917, 63.2067**.

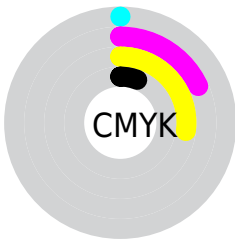
Distribution



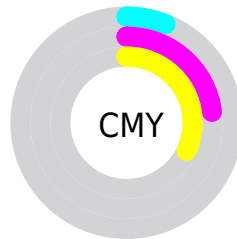
- Red (94%)
- Green (77%)
- Blue (68%)



- Red (94%)
- Yellow (81%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3151, 61.0611, 48.4933 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 63.3151, 61.0611, 48.4933 by changing the saturation by 10% instead.


 63.3151, 61.0611,
48.4933

 63.3151, 61.0611,
48.4933


426.3537,
428.4980, 397.3091

 46.3558, 44.2745,
33.8549


 108.7032,
106.3674, 89.3116

 32.7325, 30.8864,
22.5057


137.8628,
135.6559, 116.3286

 22.0798, 20.5123,
14.0271


171.8197,
169.8804, 148.3090

 14.0325, 12.7680,
8.0006

210.9395,
209.4254, 185.6711

 8.2251, 7.2690,
4.0075

255.5874,
254.6753, 228.8337

 4.2924, 3.6309,
1.6295

306.1288,

 1.8688, 1.4693,

306.0144, 278.2152

0.3117

362.9291,
363.8272, 334.2341

■ 0.5586, 0.2670,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3151, 61.0611,
48.4933

■ 63.3151, 61.0611,
48.4933

■ 57.7633, 53.3730,
36.1124

■ 69.6731, 69.6917,
63.2067

■ 52.9784, 46.5860,
25.9389

■ 76.8644, 79.2875,
80.3612

■ 48.9253, 40.6679,
17.8418

■ 84.9210, 89.8811,
100.0631

■ 45.5635, 35.5814,
11.6744

■ 89.7453, 97.2653,
108.6517

■ 42.8483, 31.2858,
7.2706

■ 40.7284, 27.7365,
4.4354

■ 39.1399, 24.8819,
2.9121

■ 38.8053, 24.2652,
2.6384

Harmonies

Analogous

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



66.3180, 61.0611, 57.0632



63.3151, 61.0611, 48.4933



59.0046, 61.0611, 44.8051

Triad

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



63.3151, 61.0611, 48.4933



49.8683, 61.0611, 63.7665



61.5647, 61.0611, 91.8301

Complementary

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



63.3151, 61.0611, 48.4933



58.2545, 65.4309, 91.9975

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.



57.0795, 61.0611, 94.2265



63.3151, 61.0611, 48.4933



50.4753, 61.0611, 76.8910

Square

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



63.3151, 61.0611, 48.4933



51.3574, 61.0611, 52.8588



53.0602, 61.0611, 88.4535



65.2715, 61.0611, 82.2725

Rectangle

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



63.3151, 61.0611, 48.4933



56.0287, 61.0611, 45.2214



53.0602, 61.0611, 88.4535



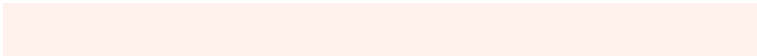
60.0922, 61.0611, 93.5469

Sweetspot

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



63.3167, 61.0639, 48.4946



87.7519, 90.3836, 91.1154



63.7267, 53.8600, 73.3675



18.5041, 18.9764, 18.8319



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

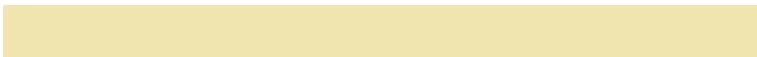
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3167, 61.0639, 48.4946



68.9782, 64.9982, 47.3635



71.5949, 77.6203, 51.2540



16.2034, 16.6198, 16.5037



21.3516, 13.5013, 1.4807



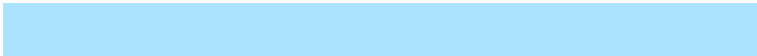
1.8644, 1.2994, 0.1526

Inverse Universe

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



58.2545, 65.4309, 91.9975



62.2657, 70.7686, 104.9857



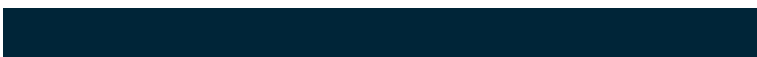
50.5334, 49.9886, 89.4238



15.7776, 16.9893, 20.1693



15.6170, 17.4582, 47.6745



1.3902, 1.6344, 3.9964

Previews

White Background



This preview shows how the XYZ color 63.3151, 61.0611, 48.4933 looks on a white background.

Color Contrast Check

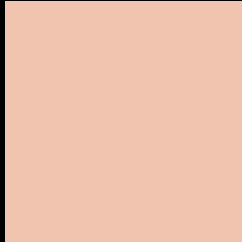
Large Text (above 18pt) WCAG AA × Fail

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 63.3151, 61.0611, 48.4933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

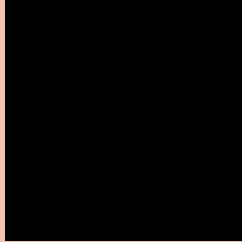
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3151, 61.0611, 48.4933

Background



This preview shows how black text looks on a background with the XYZ color 63.3151, 61.0611, 48.4933.



This preview shows how white text looks on a background with the XYZ color 63.3151, 61.0611,

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

63.3151, 61.0611, 48.4933

Protanopia

57.8915, 61.3241, 50.9050

Deuteranopia

62.4261, 61.2770, 48.5818



Tritanopia

67.0796, 60.9509, 66.6217

Trichromacy



Original Color

63.3151, 61.0611, 48.4933

Protanomaly

59.7968, 61.2627, 50.2682

Deuteranomaly

62.5313, 60.9930, 48.5215

Tritanomaly

65.7697, 61.0897, 59.3640

Monochromacy



Original Color

63.3151, 61.0611, 48.4933

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.4197, 61.7121, 60.3569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3151, 61.0611, 48.4933 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(240, 196, 174)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 174)  
}
```

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(240, 196, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 174) }
```

Border

The CSS property to change the border of an element to XYZ 63.3151, 61.0611, 48.4933 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(240, 196, 174) }
```


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

```
.border{ border-color:rgb(240, 196, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 196, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3151, 61.0611, 48.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 174) }
```

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

```
.background{ background-color: rgb(240,  
196, 174) }
```

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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