

Converting Colors

XYZ(63.3342, 60.7822, 49.4698)

Have a look what the booklet for
XYZ(63.3342, 60.7822, 49.4698)
contains.

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Color

**XYZ(63.2868, 60.6901,
49.4531)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C3B0
RGB	240, 195, 176
RGB Percent	94%, 76%, 69%
CMY	0.0588, 0.2353, 0.3098
CMYK	0.00, 0.19, 0.27, 0.06
HSL	18°, 68%, 82%
HSV	18°, 27%, 94%
XYZ	63.2868, 60.6901, 49.4531
YIQ	206.2890, 32.9190, 3.6310

Conversions

Conversions Part 2

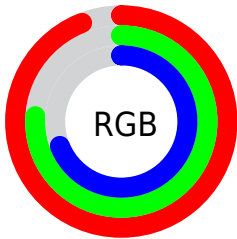
Format	Color
R_{YB}	240, 203, 176
Decimal	15778736
CIE _{Lab}	82.21, 13.28, 15.60
CIE _{LCh}	82, 20.486, 49.575
Yxy	60.6901, 0.3649, 0.3499
Android (android.graphics.Color)	4293968816 (0xFFFF0C3B0)
YUV	206.2890, -14.9325, 29.5645
Hunter-Lab	77.9039, 8.6764, 16.8956

Details

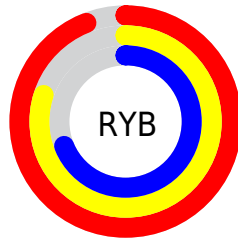
The XYZ color **63.2868, 60.6901, 49.4531** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.4885, 67.2324, 92.2802**, and the grayscale version is **58.9307, 61.9996, 67.5176**.

A 20% lighter version of the original color is **90.6159, 96.7070, 90.2343**, and **32.6285, 30.5471, 22.9154** is the 20% darker color. If you saturate the color by 10%, you get **57.5498, 52.6860, 36.8426**, and if you desaturate by 10%, it is **69.8741, 69.7222, 64.4195**.

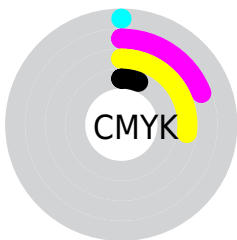
Distribution



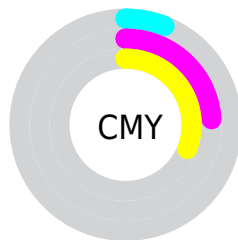
- Red (94%)
- Green (76%)
- Blue (69%)



- Red (94%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2868, 60.6901, 49.4531 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 63.2868, 60.6901, 49.4531 by changing the saturation by 10% instead.


 63.2868, 60.6901,
49.4531

 63.2868, 60.6901,
49.4531


426.2527,
427.1368, 401.1970

 46.3328, 43.9751,
34.6109


 108.6627,
105.8301, 90.7520

 32.7142, 30.6509,
23.0822


137.8152,
135.0239, 118.0457

 22.0658, 20.3332,
14.4483

171.7647,
169.1461, 150.3271

 14.0221, 12.6375,
8.2908

210.8764,
208.5811, 188.0146

 8.2179, 7.1794,
4.1912

255.5157,
253.7133, 231.5268

 4.2876, 3.5745,
1.7308

306.0479,

 1.8661, 1.4385,

304.9270, 281.2823

0.3817

362.8385,
362.6067, 337.6995

■ 0.5570, 0.2449,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2868, 60.6901,
49.4531

■ 63.2868, 60.6901,
49.4531

■ 57.5498, 52.6860,
36.8426

■ 69.8741, 69.7222,
64.4195

■ 52.6220, 45.6644,
26.4632

■ 77.3410, 79.8090,
81.8506

■ 48.4660, 39.5886,
18.1840

■ 85.7209, 90.9868,
101.8526

■ 45.0392, 34.4162,
11.8588

■ 89.7453, 97.2653,
108.6517

■ 42.2944, 30.1013,
7.3225

■ 40.1780, 26.5936,
4.3821

■ 38.6256, 23.8357,
2.7947

■ 38.2057, 23.0660,
2.4385

Harmonies

Analogous

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



65.9399, 60.6901, 58.3669



63.2868, 60.6901, 49.4531



59.2128, 60.6901, 45.1884

Triad

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



63.2868, 60.6901, 49.4531



49.8336, 60.6901, 61.8357



60.5357, 60.6901, 91.3529

Complementary

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



63.2868, 60.6901, 49.4531



59.4885, 67.2324, 92.2802

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.



56.1820, 60.6901, 92.5873



63.2868, 60.6901, 49.4531



50.1479, 60.6901, 74.4470

Square

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



63.2868, 60.6901, 49.4531



51.5409, 60.6901, 51.7169



52.4223, 60.6901, 86.0724



64.2970, 60.6901, 82.8857

Rectangle

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



63.2868, 60.6901, 49.4531



56.3023, 60.6901, 45.1404



52.4223, 60.6901, 86.0724



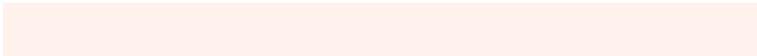
59.0884, 60.6901, 92.6647

Sweetspot

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



63.2884, 60.6929, 49.4543



87.5317, 89.9432, 91.0420



64.6280, 54.8434, 76.1937



18.4489, 18.8661, 18.8135



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.



63.2884, 60.6929, 49.4543



68.9315, 64.5124, 48.5575



71.0048, 76.1256, 52.0265



16.1553, 16.5238, 16.4877



21.0150, 12.8280, 1.3684



1.8317, 1.2340, 0.1417

Inverse Universe

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



59.4885, 67.2324, 92.2802



63.8834, 73.1725, 105.3644



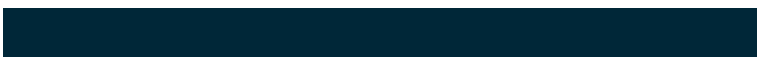
52.0180, 52.2913, 89.7900



15.8280, 17.0901, 20.1861



16.4706, 19.1655, 47.9591



1.4563, 1.7667, 4.0185

Previews

White Background



This preview shows how the XYZ color 63.2868, 60.6901, 49.4531 looks on a white background.

Color Contrast Check

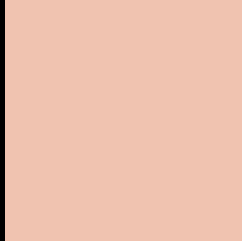
Large Text (above 18pt) WCAG AA × Fail

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 63.2868, 60.6901, 49.4531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

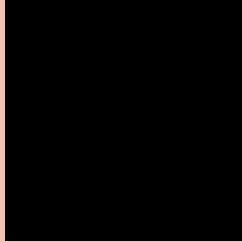
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2868, 60.6901, 49.4531

Background



This preview shows how black text looks on a background with the XYZ color 63.2868, 60.6901, 49.4531.



This preview shows how white text looks on a background with the XYZ color 63.2868, 60.6901,

49.4531.

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

63.2868, 60.6901, 49.4531

Protanopia

57.6649, 60.8181, 52.4159

Deuteranopia

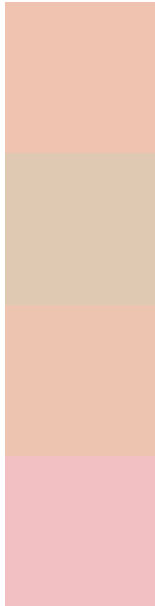
62.0637, 60.7293, 49.5251



Tritanopia

66.6124, 60.7241, 65.9677

Trichromacy



Original Color

63.2868, 60.6901, 49.4531

Protanomaly

59.4548, 60.7159, 51.2336

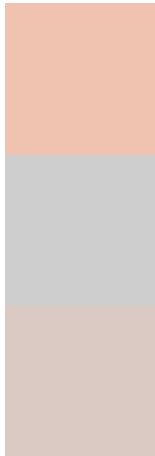
Deuteranomaly

62.5015, 60.6190, 49.4807

Tritanomaly

65.2052, 60.4716, 59.2744

Monochromacy



Original Color

63.2868, 60.6901, 49.4531

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.8843, 61.0866, 60.2644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2868, 60.6901, 49.4531 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, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(240, 195, 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(240, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 195, 176) }
```

Border

The CSS property to change the border of an element to XYZ 63.2868, 60.6901, 49.4531 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, 195, 176) }
```


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

```
.border{ border-color:rgb(240, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(240, 195,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2868, 60.6901, 49.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 195, 176) }
```

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

```
.background{ background-color: rgb(240,  
195, 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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