

Converting Colors

XYZ(64.3137, 61.2195, 49.5011)

Have a look what the booklet for
XYZ(64.3137, 61.2195, 49.5011)
contains.

XYZ(64.3137, 61.2195, 49.5011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.3137, 61.2195,
49.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C3B0
RGB	243, 195, 176
RGB Percent	95%, 76%, 69%
CMY	0.0471, 0.2353, 0.3098
CMYK	0.00, 0.20, 0.28, 0.05
HSL	17°, 74%, 82%
HSV	17°, 28%, 95%
XYZ	64.3137, 61.2195, 49.5011
YIQ	207.1860, 34.7070, 4.2670

Conversions

Conversions Part 2

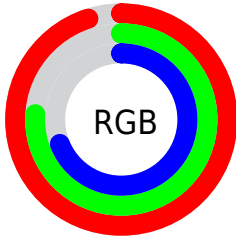
Format	Color
R _Y B	243, 203, 176
Decimal	15975344
CIE Lab	82.50, 14.41, 16.04
CIE LCh	82, 21.557, 48.066
Yxy	61.2195, 0.3674, 0.3498
Android (android.graphics.Color)	4294165424 (0xFFFF3C3B0)
YUV	207.1860, -15.3747, 31.4089
Hunter-Lab	78.2429, 9.7975, 17.2596

Details

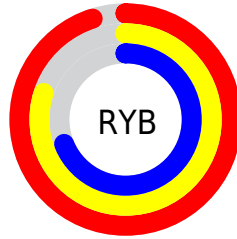
The XYZ color **64.3137, 61.2195, 49.5011** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.7370, 69.0103, 94.9133**, and the grayscale version is **59.5097, 62.6089, 68.1811**.

A 20% lighter version of the original color is **90.6159, 96.7070, 90.2343**, and **33.3497, 30.9189, 22.9491** is the 20% darker color. If you saturate the color by 10%, you get **58.4460, 52.9934, 36.7260**, and if you desaturate by 10%, it is **71.0698, 70.5328, 64.6969**.

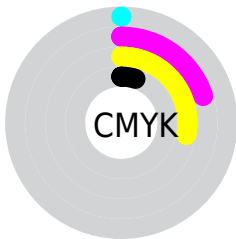
Distribution



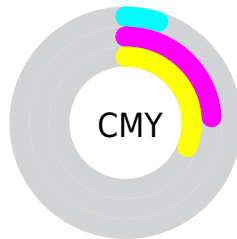
- Red (95%)
- Green (76%)
- Blue (69%)



- Red (95%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3137, 61.2195, 49.5011 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 64.3137, 61.2195, 49.5011 by changing the saturation by 10% instead.


 64.3137, 61.2195,
49.5011

 64.3137, 61.2195,
49.5011

429.9059,
429.0784, 401.3908

 47.1674, 44.4023,
34.6487


 110.1338,
106.5967, 90.8239

 33.3765, 30.9869,
23.1110


139.5383,
135.9255, 118.1315

 22.5757, 20.5889,
14.4695


173.7597,
170.1937, 150.4278

 14.3995, 12.8238,
8.3054

213.1632,
209.7856, 188.1316

 8.4826, 7.3074,
4.2004

258.1142,
255.0856, 231.6612

 4.4596, 3.6550,
1.7359

308.9781,

 1.9653, 1.4825,

306.4781, 281.4352

0.3852

366.1202,
364.3476, 337.8722

■ 0.6144, 0.2764,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3137, 61.2195,
49.5011

■ 64.3137, 61.2195,
49.5011

■ 58.4460, 52.9934,
36.7260

■ 71.0698, 70.5328,
64.6969

■ 53.4233, 45.8057,
26.2418

■ 78.7454, 80.9630,
82.4266

■ 49.2057, 39.6164,
17.9120

■ 87.3761, 92.5489,
102.8005

■ 45.7478, 34.3794,
11.5840

■ 90.7722, 97.7947,
108.6998

■ 42.9994, 30.0447,
7.0850

■ 40.9030, 26.5572,
4.2120

■ 39.3874, 23.8533,
2.6977

■ 39.0860, 23.3022,
2.4377

Harmonies

Analogous

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



67.0270, 61.2195, 59.0915



64.3137, 61.2195, 49.5011



60.0394, 61.2195, 44.7789

Triad

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



64.3137, 61.2195, 49.5011



49.9392, 61.2195, 61.5452



60.9795, 61.2195, 93.8197

Complementary

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



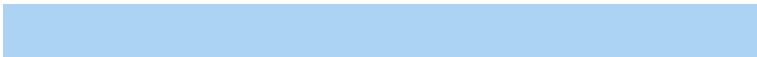
64.3137, 61.2195, 49.5011



60.7370, 69.0103, 94.9133

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.



56.3737, 61.2195, 94.7051



64.3137, 61.2195, 49.5011



50.1611, 61.2195, 74.8435

Square

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



64.3137, 61.2195, 49.5011



51.8396, 61.2195, 51.0925



52.4629, 61.2195, 87.3805



65.0331, 61.2195, 85.1008

Rectangle

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



64.3137, 61.2195, 49.5011



56.9525, 61.2195, 44.5511



52.4629, 61.2195, 87.3805



59.4398, 61.2195, 95.0816

Sweetspot

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



64.3153, 61.2223, 49.5024



87.4517, 89.7831, 91.0153



65.9447, 55.4887, 77.7680



18.4289, 18.8260, 18.8068



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

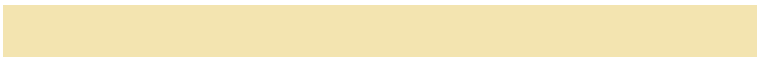
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3153, 61.2223, 49.5024



68.0288, 63.0993, 47.0470



72.6755, 77.9428, 52.2891



16.8819, 17.2479, 17.2370



21.5503, 12.9862, 1.3708



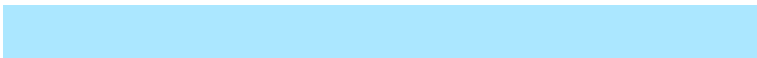
1.9778, 1.3089, 0.1484

Inverse Universe

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



60.7370, 69.0103, 94.9133



63.4243, 73.0859, 105.3719



52.6083, 52.7530, 92.2038



16.5763, 17.9169, 21.1272



17.3140, 20.4218, 49.5673



1.6088, 1.9690, 4.3855

Previews

White Background



This preview shows how the XYZ color 64.3137, 61.2195, 49.5011 looks on a white background.

Color Contrast Check

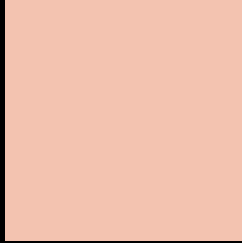
Large Text (above 18pt) WCAG AA × Fail

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 64.3137, 61.2195, 49.5011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

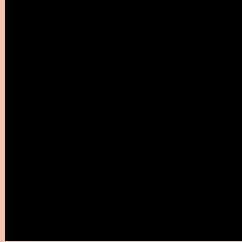
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3137, 61.2195, 49.5011

Background



This preview shows how black text looks on a background with the XYZ color 64.3137, 61.2195, 49.5011.



This preview shows how white text looks on a background with the XYZ color 64.3137, 61.2195,

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

64.3137, 61.2195, 49.5011

Protanopia

58.1961, 61.4459, 52.5090

Deuteranopia

62.5240, 61.3162, 49.0973



Tritanopia

67.6563, 61.2622, 66.0165

Trichromacy



Original Color

64.3137, 61.2195, 49.5011

Protanomaly

60.0747, 61.0355, 51.2626

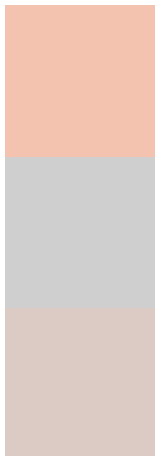
Deuteranomaly

63.3007, 61.3784, 49.0683

Tritanomaly

66.2434, 61.0068, 59.3230

Monochromacy



Original Color

64.3137, 61.2195, 49.5011

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.8349, 61.9130, 60.9686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3137, 61.2195, 49.5011 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, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 176) }
```

Border

The CSS property to change the border of an element to XYZ 64.3137, 61.2195, 49.5011 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, 195, 176) }
```


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

```
.border{ border-color:rgb(243, 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(243, 195, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3137, 61.2195, 49.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 176) }
```

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

```
.background{ background-color: rgb(243,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor