

Converting Colors

XYZ(63.5166, 62.9291, 49.7895)

Have a look what the booklet for
XYZ(63.5166, 62.9291, 49.7895)
contains.

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Color

**XYZ(63.3152, 62.7407,
49.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC9B0
RGB	236, 201, 176
RGB Percent	93%, 79%, 69%
CMY	0.0745, 0.2117, 0.3098
CMYK	0.00, 0.15, 0.25, 0.07
HSL	25°, 61%, 81%
HSV	25°, 25%, 93%
XYZ	63.3152, 62.7407, 49.8474
YIQ	208.6150, 28.8850, -0.3550

Conversions

Conversions Part 2

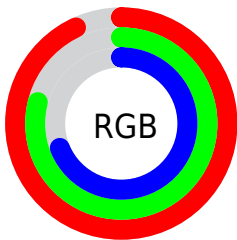
Format	Color
R _Y B	236, 219, 176
Decimal	15518128
CIE Lab	83.31, 8.63, 17.07
CIE LCh	83, 19.133, 63.173
Yxy	62.7407, 0.3599, 0.3567
Android (android.graphics.Color)	4293708208 (0xFFECC9B0)
YUV	208.6150, -16.0792, 24.0166
Hunter-Lab	79.2090, 4.0670, 18.1343

Details

The XYZ color **63.3152, 62.7407, 49.8474** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.3386, 61.8732, 88.3306**, and the grayscale version is **60.4431, 63.5908, 69.2504**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **32.5993, 31.8812, 23.1744** is the 20% darker color. If you saturate the color by 10%, you get **58.1142, 55.7561, 37.5775**, and if you desaturate by 10%, it is **69.2131, 70.4686, 64.3537**.

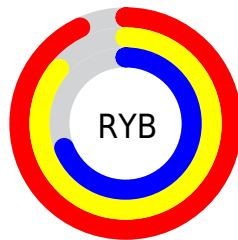
Distribution



Red (93%)

Green (79%)

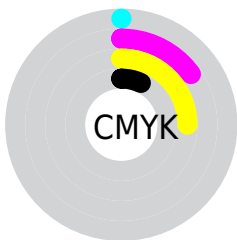
Blue (69%)



Red (93%)

Yellow (86%)

Blue (69%)

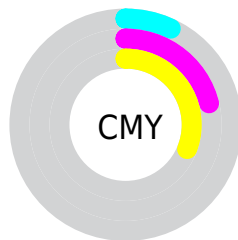


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (7%)



Cyan (7%)


Magenta (21%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3152, 62.7407, 49.8474 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 63.3152, 62.7407, 49.8474 by changing the saturation by 10% instead.


 63.3152, 62.7407,
49.8474

 63.3152, 62.7407,
49.8474


426.3540,
434.6278, 402.7868

 46.3559, 45.6315,
34.9218


 108.7034,
108.7953, 91.3427

 32.7325, 31.9551,
23.3196


137.8629,
138.5095, 118.7495

 22.0799, 21.3272,
14.6222


171.8199,
173.1942, 151.1539

 14.0325, 13.3634,
8.4110

210.9397,
213.2336, 188.9742

 8.2252, 7.6793,
4.2675

255.5877,
259.0124, 232.6292

 4.2924, 3.8904,
1.7732

306.1291,

 1.8688, 1.6124,

310.9147, 282.5372

0.4102

362.9295,
369.3250, 339.1169

■ 0.5586, 0.3660,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3152, 62.7407,
49.8474

■ 63.3152, 62.7407,
49.8474

■ 58.1142, 55.7561,
37.5775

■ 69.2131, 70.4686,
64.3537

■ 53.5765, 49.4827,
27.4271

■ 75.8297, 78.9535,
81.1976

■ 49.6732, 43.8986,
19.2742

■ 83.1918, 88.2194,
100.4788

■ 46.3707, 38.9773,
12.9827

■ 88.4022, 96.5730,
108.5889

■ 43.6319, 34.6902,
8.3994

■ 41.4144, 31.0059,
5.3459

■ 39.6676, 27.8889,
3.6030

■ 38.9929, 26.6342,
3.0858

Harmonies

Analogous

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



66.5799, 62.7407, 56.5334



63.3152, 62.7407, 49.8474



59.1916, 62.7407, 47.9040

Triad

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



63.3152, 62.7407, 49.8474



51.9999, 62.7407, 69.5896



64.1166, 62.7407, 89.3317

Complementary

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



63.3152, 62.7407, 49.8474



56.3386, 61.8732, 88.3306

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.



60.0769, 62.7407, 93.8265



63.3152, 62.7407, 49.8474



53.1872, 62.7407, 81.6269

Square

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



63.3152, 62.7407, 49.8474



52.7781, 62.7407, 58.4912



56.0967, 62.7407, 90.8564



67.0575, 62.7407, 79.1791

Rectangle

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



63.3152, 62.7407, 49.8474



56.5414, 62.7407, 49.3490



56.0967, 62.7407, 90.8564



62.8356, 62.7407, 91.6046

Sweetspot

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



63.3169, 62.7436, 49.8487



88.2586, 91.3970, 91.2843



61.8759, 53.5875, 68.7109



18.6313, 19.2308, 18.8743



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.



63.3169, 62.7436, 49.8487



71.8459, 69.9413, 50.7617



71.0050, 78.1198, 52.4114



15.5812, 16.0854, 15.8023



21.6146, 14.9234, 1.7413



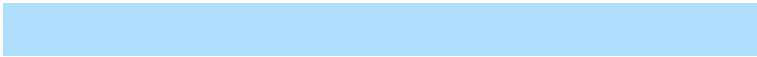
1.7903, 1.3579, 0.1677

Inverse Universe

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



56.3386, 61.8732, 88.3306



62.0795, 68.7168, 104.5995



49.5694, 48.3348, 86.0742



14.9611, 16.0087, 19.2237



13.4584, 13.5638, 45.6517



1.1514, 1.2543, 3.6163

Previews

White Background



This preview shows how the XYZ color 63.3152, 62.7407, 49.8474 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 63.3152, 62.7407, 49.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

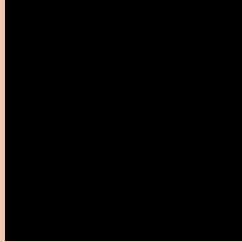
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3152, 62.7407, 49.8474

Background



This preview shows how black text looks on a background with the XYZ color 63.3152, 62.7407, 49.8474.



This preview shows how white text looks on a background with the XYZ color 63.3152, 62.7407,

49.8474.

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

63.3152, 62.7407, 49.8474

Protanopia

59.3629, 62.7857, 51.6379

Deuteranopia

64.0874, 62.7939, 49.8170



Tritanopia

67.4330, 62.7083, 70.1778

Trichromacy



Original Color

63.3152, 62.7407, 49.8474

Protanomaly

60.9185, 62.8845, 51.0467

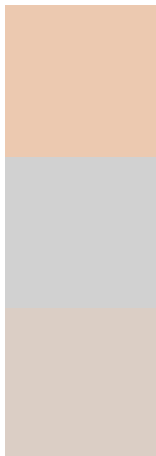
Deuteranomaly

63.7506, 62.6203, 49.8012

Tritanomaly

65.9837, 62.8161, 62.0731

Monochromacy



Original Color

63.3152, 62.7407, 49.8474

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.3628, 63.2339, 61.7945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3152, 62.7407, 49.8474 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(236, 201, 176)` looks like.

```
.text, #text, p{  
  color:rgb(236, 201, 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(236, 201, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 201, 176) }
```

Border

The CSS property to change the border of an element to XYZ 63.3152, 62.7407, 49.8474 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(236, 201, 176) }
```


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

```
.border{ border-color:rgb(236, 201, 176) }
```

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

Here you see how a box with a 4 pixel rgb(236, 201, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 201, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 201, 176);  
box-shadow:4px 4px 4px 4px rgb(236, 201,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3152, 62.7407, 49.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 201, 176) }
```

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

```
.background{ background-color: rgb(236,  
201, 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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