

Converting Colors

XYZ(62.1101, 59.5784, 49.2752)

Have a look what the booklet for
XYZ(62.1101, 59.5784, 49.2752)
contains.

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Color

**XYZ(62.1663, 59.4517,
49.2731)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC1B0
RGB	238, 193, 176
RGB Percent	93%, 76%, 69%
CMY	0.0667, 0.2431, 0.3098
CMYK	0.00, 0.19, 0.26, 0.07
HSL	16°, 65%, 81%
HSV	16°, 26%, 93%
XYZ	62.1663, 59.4517, 49.2731
YIQ	204.5170, 32.2770, 4.2530

Conversions

Conversions Part 2

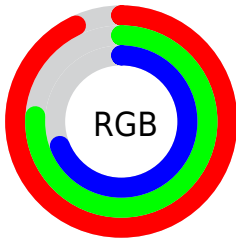
Format	Color
R _Y B	238, 199, 176
Decimal	15647152
CIE Lab	81.54, 13.59, 14.62
CIE LCh	82, 19.963, 47.093
Yxy	59.4517, 0.3638, 0.3479
Android (android.graphics.Color)	4293837232 (0xFFEEC1B0)
YUV	204.5170, -14.0589, 29.3646
Hunter-Lab	77.1049, 8.9830, 16.0848

Details

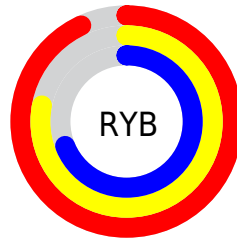
The XYZ color **62.1663, 59.4517, 49.2731** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.1928, 67.1139, 90.7235**, and the grayscale version is **57.7950, 60.8049, 66.2165**.

A 20% lighter version of the original color is **89.9911, 95.4574, 90.0260**, and **31.8638, 29.7191, 22.7958** is the 20% darker color. If you saturate the color by 10%, you get **56.4172, 51.3971, 36.7395**, and if you desaturate by 10%, it is **68.7775, 68.5688, 64.1322**.

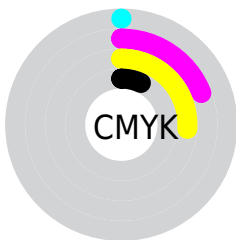
Distribution



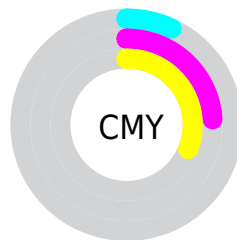
- Red (93%)
- Green (76%)
- Blue (69%)



- Red (93%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1663, 59.4517, 49.2731 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 62.1663, 59.4517, 49.2731 by changing the saturation by 10% instead.


 62.1663, 59.4517,
49.2731

 62.1663, 59.4517,
49.2731


422.2453,
422.5738, 400.4698

 45.4232, 42.9768,
34.4690


 107.0544,
104.0339, 90.4821

 31.9936, 29.8669,
22.9739

135.9302,
132.9100, 117.7242

 21.5121, 19.7376,
14.3691


169.5808,
166.6886, 149.9493

 13.6135, 12.2045,
8.2362

208.3717,
205.7542, 187.5760

 7.9322, 6.8831,
4.1565

252.6683,
250.4911, 231.0229

 4.1030, 3.3891,
1.7116

302.8359,

 1.7606, 1.3381,

301.2838, 280.7084

0.3687

359.2397,
358.5165, 337.0512

■ 0.4938, 0.1704,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1663, 59.4517,
49.2731

■ 62.1663, 59.4517,
49.2731

■ 56.4172, 51.3971,
36.7395

■ 68.7775, 68.5688,
64.1322

■ 51.4884, 44.3577,
26.4091

■ 76.2805, 78.7773,
81.4231

■ 47.3421, 38.2945,
18.1538

■ 84.7094, 90.1152,
101.2502

■ 43.9350, 33.1628,
11.8310

■ 89.0699, 96.9172,
108.6201

■ 41.2192, 28.9140,
7.2796

■ 39.1407, 25.4950,
4.3118

■ 37.6353, 22.8454,
2.6960

■ 37.1662, 21.9897,
2.2856

Harmonies

Analogous

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



64.5554, 59.4517, 58.1908



62.1663, 59.4517, 49.2731



58.3242, 59.4517, 44.7620

Triad

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



62.1663, 59.4517, 49.2731



49.0185, 59.4517, 59.7187



58.9061, 59.4517, 89.3623

Complementary

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



62.1663, 59.4517, 49.2731



59.1928, 67.1139, 90.7235

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.



54.7280, 59.4517, 89.9036



62.1663, 59.4517, 49.2731



49.1571, 59.4517, 71.7476

Square

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



62.1663, 59.4517, 49.2731



50.8139, 59.4517, 50.2722



51.2021, 59.4517, 83.1288



62.6103, 59.4517, 81.7302

Rectangle

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



62.1663, 59.4517, 49.2731



55.5190, 59.4517, 44.4453



51.2021, 59.4517, 83.1288



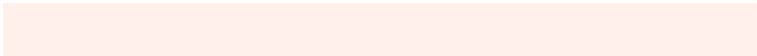
57.5068, 59.4517, 90.4101

Sweetspot

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



62.1679, 59.4544, 49.2743



87.3952, 89.6702, 90.9965



63.8991, 54.4738, 75.8801



18.4148, 18.7977, 18.8021



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.



62.1679, 59.4544, 49.2743



69.1814, 64.6124, 49.8736



69.6271, 74.3729, 51.7607



16.1256, 16.4643, 16.4777



20.8274, 12.4528, 1.3059



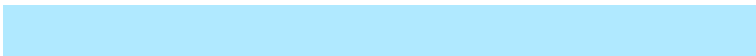
1.8128, 1.1963, 0.1354

Inverse Universe

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



59.1928, 67.1139, 90.7235



65.1724, 74.9027, 105.6305



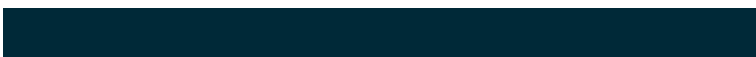
51.8524, 52.4332, 88.2768



15.8595, 17.1531, 20.1966



17.0307, 20.2857, 48.1458



1.4993, 1.8526, 4.0328

Previews

White Background



This preview shows how the XYZ color 62.1663, 59.4517, 49.2731 looks on a white background.

Color Contrast Check

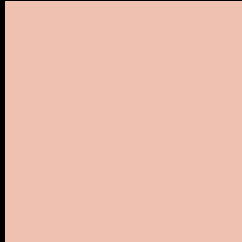
Large Text (above 18pt) WCAG AA × Fail

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 62.1663, 59.4517, 49.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

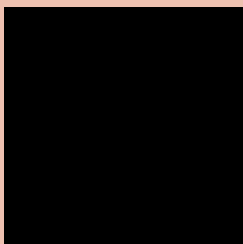
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1663, 59.4517, 49.2731

Background



This preview shows how black text looks on a background with the XYZ color 62.1663, 59.4517, 49.2731.



This preview shows how white text looks on a background with the XYZ color 62.1663, 59.4517,

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

62.1663, 59.4517, 49.2731

Protanopia

56.6124, 59.5743, 52.2313

Deuteranopia

60.6303, 59.3206, 49.3288



Tritanopia

65.3723, 59.4556, 65.1573

Trichromacy



Original Color

62.1663, 59.4517, 49.2731

Protanomaly

58.3789, 59.4737, 51.0505

Deuteranomaly

61.0599, 59.2106, 49.2849

Tritanomaly

64.0862, 59.2472, 59.0971

Monochromacy



Original Color

62.1663, 59.4517, 49.2731

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.2395, 60.4200, 59.5789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1663, 59.4517, 49.2731 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(238, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(238, 193, 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(238, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 193, 176) }
```

Border

The CSS property to change the border of an element to XYZ 62.1663, 59.4517, 49.2731 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(238, 193, 176) }
```


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

```
.border{ border-color:rgb(238, 193, 176) }
```

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

Here you see how a box with a 4 pixel rgb(238, 193, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 193, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 193, 176);  
box-shadow:4px 4px 4px 4px rgb(238, 193,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1663, 59.4517, 49.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 193, 176) }
```

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

```
.background{ background-color: rgb(238,  
193, 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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