

Converting Colors

XYZ(62.5954, 60.0333, 49.8102)

Have a look what the booklet for
XYZ(62.5954, 60.0333, 49.8102)
contains.

XYZ(62.4875, 59.9350, 49.8701)	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(62.4875, 59.9350,
49.8701)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC2B1
RGB	238, 194, 177
RGB Percent	93%, 76%, 69%
CMY	0.0667, 0.2392, 0.3059
CMYK	0.00, 0.18, 0.26, 0.07
HSL	17°, 64%, 81%
HSV	17°, 26%, 93%
XYZ	62.4875, 59.9350, 49.8701
YIQ	205.2180, 31.6810, 4.0410

Conversions

Conversions Part 2

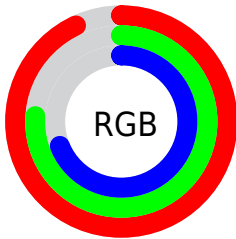
Format	Color
R _Y B	238, 201, 177
Decimal	15647409
CIE Lab	81.80, 13.20, 14.46
CIE LCh	82, 19.579, 47.603
Yxy	59.9350, 0.3627, 0.3479
Android (android.graphics.Color)	4293837489 (0xFFEEC2B1)
YUV	205.2180, -13.9115, 28.7498
Hunter-Lab	77.4177, 8.5949, 15.9996

Details

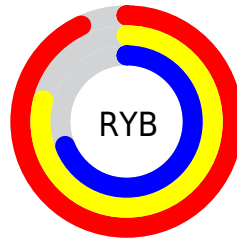
The XYZ color **62.4875, 59.9350, 49.8701** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.4199, 67.2312, 90.7345**, and the grayscale version is **58.2400, 61.2730, 66.7263**.

A 20% lighter version of the original color is **90.4452, 96.1376, 90.8802**, and **32.0722, 30.0352, 23.1758** is the 20% darker color. If you saturate the color by 10%, you get **56.7171, 51.8650, 37.2459**, and if you desaturate by 10%, it is **69.1162, 69.0586, 64.8228**.

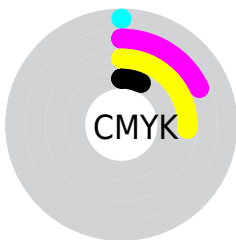
Distribution



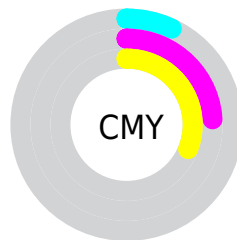
- Red (93%)
- Green (76%)
- Blue (69%)



- Red (93%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4875, 59.9350, 49.8701 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 62.4875, 59.9350, 49.8701 by changing the saturation by 10% instead.

 62.4875, 59.9350,
49.8701

 62.4875, 59.9350,
49.8701


423.3964,
424.3581, 402.8782

 45.6838, 43.3662,
34.9397


 107.5158,
104.7354, 91.3767

 32.2000, 30.1726,
23.3333


136.4711,
133.7358, 118.7900

 21.6706, 19.9696,
14.6322


170.2076,
167.6489, 151.2014

 13.7303, 12.3730,
8.4179

209.0907,
206.8590, 189.0294

 8.0138, 6.9982,
4.2719

253.4858,
251.7506, 232.6925

 4.1556, 3.4610,
1.7757

303.7582,

 1.7906, 1.3769,

302.7081, 282.6094

0.4118

360.2733,
360.1158, 339.1984

■ 0.5120, 0.1996,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4875, 59.9350,
49.8701

■ 62.4875, 59.9350,
49.8701

■ 56.7171, 51.8650,
37.2459

■ 69.1162, 69.0586,
64.8228

■ 51.7638, 44.8019,
26.8284

■ 76.6325, 79.2640,
82.2100

■ 47.5899, 38.7075,
18.4902

■ 85.0703, 90.5886,
102.1356

■ 44.1527, 33.5379,
12.0894

■ 89.0701, 96.9172,
108.6201

■ 41.4052, 29.2455,
7.4658

■ 39.2939, 25.7783,
4.4333

■ 37.7557, 23.0773,
2.7631

■ 37.2286, 22.1142,
2.3063

Harmonies

Analogous

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



64.8718, 59.9350, 58.6229



62.4875, 59.9350, 49.8701



58.6874, 59.9350, 45.4799

Triad

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



62.4875, 59.9350, 49.8701



49.5606, 59.9350, 60.4997



59.4007, 59.9350, 89.4126

Complementary

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



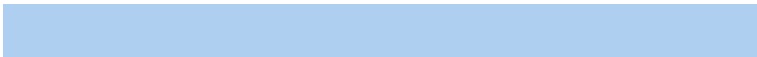
62.4875, 59.9350, 49.8701



59.4199, 67.2312, 90.7345

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.



55.2794, 59.9350, 90.0736



62.4875, 59.9350, 49.8701



49.7308, 59.9350, 72.3779

Square

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



62.4875, 59.9350, 49.8701



51.3035, 59.9350, 51.1006



51.7805, 59.9350, 83.5269



63.0314, 59.9350, 81.8172

Rectangle

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



62.4875, 59.9350, 49.8701



55.9226, 59.9350, 45.2209



51.7805, 59.9350, 83.5269



58.0231, 59.9350, 90.4834

Sweetspot

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



62.4891, 59.9378, 49.8713



87.4222, 89.7242, 91.0055



64.1317, 54.8818, 76.1337



18.4215, 18.8112, 18.8043



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.



62.4891, 59.9378, 49.8713



69.2625, 64.7745, 49.9006



69.7892, 74.5380, 52.3047



16.1315, 16.4761, 16.4797



20.8632, 12.5245, 1.3179



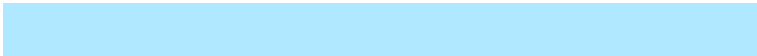
1.8165, 1.2036, 0.1366

Inverse Universe

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



59.4199, 67.2312, 90.7345



65.0718, 74.7016, 105.5969



52.2465, 52.8843, 88.3433



15.8532, 17.1406, 20.1945



16.9180, 20.0603, 48.1082



1.4907, 1.8354, 4.0299

Previews

White Background



This preview shows how the XYZ color 62.4875, 59.9350, 49.8701 looks on a white background.

Color Contrast Check

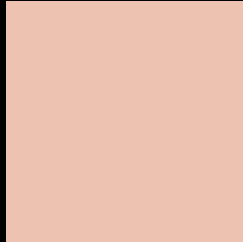
Large Text (above 18pt) WCAG AA × Fail

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 62.4875, 59.9350, 49.8701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

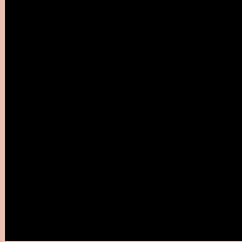
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4875, 59.9350, 49.8701

Background



This preview shows how black text looks on a background with the XYZ color 62.4875, 59.9350, 49.8701.



This preview shows how white text looks on a background with the XYZ color 62.4875, 59.9350,

49.8701.

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

62.4875, 59.9350, 49.8701

Protanopia

56.9508, 60.0863, 52.8522

Deuteranopia

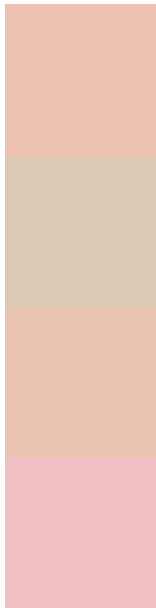
61.2800, 59.9778, 49.9420



Tritanopia

65.7085, 59.9355, 65.8631

Trichromacy



Original Color

62.4875, 59.9350, 49.8701

Protanomaly

58.7113, 59.9760, 51.6621

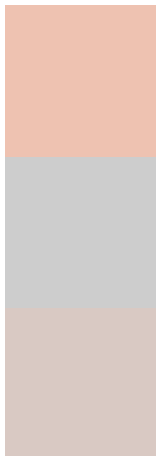
Deuteranomaly

61.7119, 59.8667, 49.8978

Tritanomaly

64.4163, 59.7270, 59.7631

Monochromacy



Original Color

62.4875, 59.9350, 49.8701

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.3522, 60.4651, 60.1725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4875, 59.9350, 49.8701 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, 194, 177)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 177)  
}
```

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, 194, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 177) }
```

Border

The CSS property to change the border of an element to XYZ 62.4875, 59.9350, 49.8701 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, 194, 177) }
```


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

```
.border{ border-color:rgb(238, 194, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 194, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 177);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4875, 59.9350, 49.8701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 177) }
```

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

```
.background{ background-color: rgb(238,  
194, 177) }
```

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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