

Converting Colors

XYZ(62.6889, 59.4895, 51.8953)

Have a look what the booklet for
XYZ(62.6889, 59.4895, 51.8953)
contains.

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Color

**XYZ(62.4500, 59.2126,
51.8538)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC0B5
RGB	238, 192, 181
RGB Percent	93%, 75%, 71%
CMY	0.0667, 0.2470, 0.2902
CMYK	0.00, 0.19, 0.24, 0.07
HSL	12°, 63%, 82%
HSV	12°, 24%, 93%
XYZ	62.4500, 59.2126, 51.8538
YIQ	204.5000, 30.9470, 6.3310

Conversions

Conversions Part 2

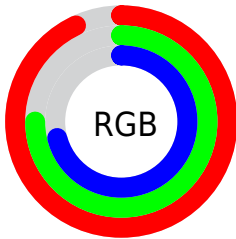
Format	Color
R _Y B	238, 195, 181
Decimal	15646901
CIE Lab	81.41, 14.81, 11.76
CIE LCh	81, 18.916, 38.445
Yxy	59.2126, 0.3599, 0.3413
Android (android.graphics.Color)	4293836981 (0xFFEEC0B5)
YUV	204.5000, -11.5855, 29.3795
Hunter-Lab	76.9497, 10.2030, 13.9113

Details

The XYZ color **62.4500, 59.2126, 51.8538** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.9571, 70.9330, 91.3152**, and the grayscale version is **57.7696, 60.7781, 66.1874**.

A 20% lighter version of the original color is **90.0935, 94.5092, 93.6144**, and **32.0408, 29.5592, 24.4388** is the 20% darker color. If you saturate the color by 10%, you get **56.2684, 50.4292, 38.7567**, and if you desaturate by 10%, it is **69.6022, 69.2689, 67.3339**.

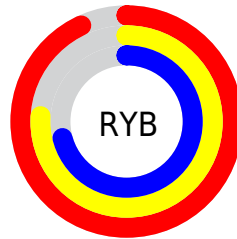
Distribution



Red (93%)

Green (75%)

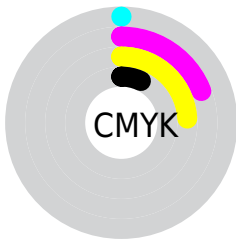
Blue (71%)



Red (93%)

Yellow (76%)

Blue (71%)

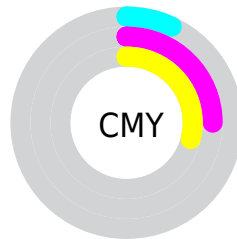


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (7%)



Cyan (7%)

Magenta (25%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4500, 59.2126, 51.8538 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 62.4500, 59.2126, 51.8538 by changing the saturation by 10% instead.


 62.4500, 59.2126,
51.8538

 62.4500, 59.2126,
51.8538


423.2621,
421.6893, 410.8128

 45.6534, 42.7843,
36.5071


 107.4619,
103.6866, 94.3400

 32.1759, 29.7159,
24.5333


136.4079,
132.5011, 122.3165

 21.6520, 19.6230,
15.5139


170.1344,
166.2130, 155.3402

 13.7166, 12.1213,
9.0302

209.0068,
205.2069, 193.8294

 8.0042, 6.8264,
4.6638

253.3904,
249.8671, 238.2027

 4.1495, 3.3537,
1.9961

303.6506,

 1.7870, 1.3191,

300.5779, 288.8787

0.5529

360.1527,
357.7239, 346.2759

■ 0.5098, 0.1559,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4500, 59.2126,
51.8538

■ 62.4500, 59.2126,
51.8538

■ 56.2684, 50.4292,
38.7567

■ 69.6022, 69.2689,
67.3339

■ 51.0104, 42.8597,
27.9202

■ 77.7601, 80.6376,
85.3036

■ 46.6320, 36.4527,
19.2166

■ 86.9625, 93.3670,
105.8677

■ 43.0836, 31.1497,
12.5039

■ 89.0700, 96.9172,
108.6201

■ 40.3106, 26.8872,
7.6228

■ 38.2513, 23.5948,
4.3890

■ 36.8335, 21.1929,
2.5792

■ 36.2350, 20.1272,
1.9751

Harmonies

Analogous

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



64.1442, 59.2126, 61.3256



62.4500, 59.2126, 51.8538



59.1209, 59.2126, 46.2595

Triad

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



62.4500, 59.2126, 51.8538



49.4974, 59.2126, 56.7956



57.4044, 59.2126, 88.5109

Complementary

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



62.4500, 59.2126, 51.8538



61.9571, 70.9330, 91.3152

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.



53.5312, 59.2126, 86.9304



62.4500, 59.2126, 51.8538



49.0860, 59.2126, 67.7251

Square

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



62.4500, 59.2126, 51.8538



51.6815, 59.2126, 48.8714



50.5300, 59.2126, 78.9882



61.1431, 59.2126, 83.0837

Rectangle

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



62.4500, 59.2126, 51.8538



56.4864, 59.2126, 45.0555



50.5300, 59.2126, 78.9882



56.0737, 59.2126, 88.7931

Sweetspot

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



62.4516, 59.2153, 51.8550



87.8839, 90.0550, 92.9861



65.7255, 56.8021, 80.5719



18.6845, 19.0998, 19.6241



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.



62.4516, 59.2153, 51.8550



69.1741, 63.7752, 52.4069



69.1809, 72.6740, 54.0981



16.0198, 16.2527, 16.4425



20.2857, 11.3695, 1.1254



1.7542, 1.0791, 0.1158

Inverse Universe

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



61.9571, 70.9330, 91.3152



68.4911, 79.7965, 106.4001



54.9243, 56.8674, 88.9709



15.9729, 17.3800, 20.2344



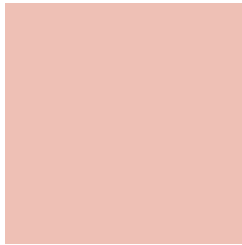
19.2239, 24.6720, 48.8768



1.6649, 2.1839, 4.0880

Previews

White Background



This preview shows how the XYZ color 62.4500, 59.2126, 51.8538 looks on a white background.

Color Contrast Check

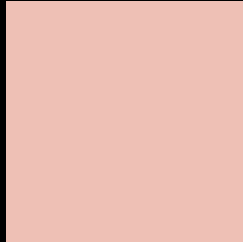
Large Text (above 18pt) WCAG AA × Fail

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 62.4500, 59.2126, 51.8538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

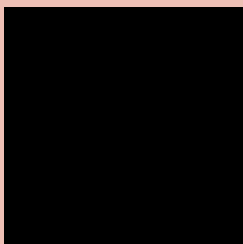
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4500, 59.2126, 51.8538

Background



This preview shows how black text looks on a background with the XYZ color 62.4500, 59.2126, 51.8538.



This preview shows how white text looks on a background with the XYZ color 62.4500, 59.2126,

51.8538.

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

62.4500, 59.2126, 51.8538

Protanopia

56.5618, 59.4879, 54.9556

Deuteranopia

60.3865, 59.1485, 51.4141



Tritanopia

65.2527, 59.4078, 64.5276

Trichromacy



Original Color

62.4500, 59.2126, 51.8538

Protanomaly

58.3610, 59.0645, 53.6720

Deuteranomaly

61.1343, 59.2025, 51.3851

Tritanomaly

64.1990, 59.2923, 59.6907

Monochromacy



Original Color

62.4500, 59.2126, 51.8538

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.2334, 60.0458, 60.6926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4500, 59.2126, 51.8538 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, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(238, 192, 181)  
}
```

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, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 192, 181) }
```

Border

The CSS property to change the border of an element to XYZ 62.4500, 59.2126, 51.8538 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, 192, 181) }
```


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

```
.border{ border-color:rgb(238, 192, 181) }
```

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

Here you see how a box with a 4 pixel rgb(238, 192, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(238, 192,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4500, 59.2126, 51.8538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 192, 181) }
```

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

```
.background{ background-color: rgb(238,  
192, 181) }
```

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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