

Converting Colors

XYZ(62.5378, 58.3730, 50.3623)

Have a look what the booklet for
XYZ(62.5378, 58.3730, 50.3623)
contains.

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Color

**XYZ(62.6099, 58.3506,
50.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BDB3
RGB	241, 189, 179
RGB Percent	95%, 74%, 70%
CMY	0.0549, 0.2588, 0.2980
CMYK	0.00, 0.22, 0.26, 0.05
HSL	10°, 69%, 82%
HSV	10°, 26%, 95%
XYZ	62.6099, 58.3506, 50.6107
YIQ	203.4080, 34.2020, 7.9140

Conversions

Conversions Part 2

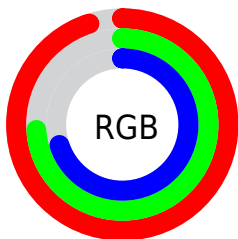
Format	Color
R _Y B	241, 191, 179
Decimal	15842739
CIE Lab	80.93, 17.23, 12.20
CIE LCh	81, 21.115, 35.297
Yxy	58.3506, 0.3649, 0.3401
Android (android.graphics.Color)	4294032819 (0xFFFF1BDB3)
YUV	203.4080, -12.0331, 32.9682
Hunter-Lab	76.3876, 12.6266, 14.1886

Details

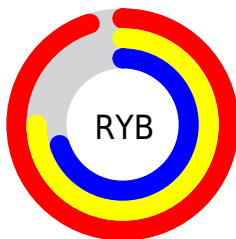
The XYZ color **62.6099, 58.3506, 50.6107** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0428, 73.0843, 94.0034**, and the grayscale version is **57.0808, 60.0534, 65.3982**.

A 20% lighter version of the original color is **88.8878, 92.5630, 91.7788**, and **32.3372, 29.3050, 23.6907** is the 20% darker color. If you saturate the color by 10%, you get **56.3337, 49.3637, 37.5260**, and if you desaturate by 10%, it is **69.9211, 68.7250, 66.1433**.

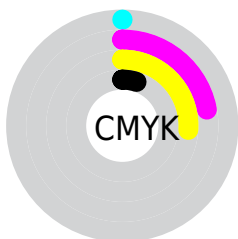
Distribution



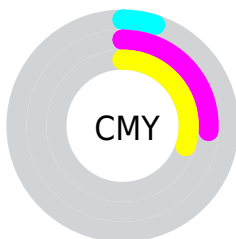
- Red (95%)
- Green (74%)
- Blue (70%)



- Red (95%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6099, 58.3506, 50.6107 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 62.6099, 58.3506, 50.6107 by changing the saturation by 10% instead.


 62.6099, 58.3506,
50.6107

 62.6099, 58.3506,
50.6107


423.8345,
418.4911, 405.8527

 45.7832, 42.0906,
35.5243


 107.6915,
102.4332, 92.4847

 32.2786, 29.1722,
23.7803


136.6771,
131.0246, 120.1093

 21.7310, 19.2111,
14.9600

170.4463,
164.4953, 152.7505

 13.7749, 11.8229,
8.6450

209.3645,
203.2296, 190.8267

 8.0449, 6.6232,
4.4167

253.7971,
247.6119, 234.7564

 4.1757, 3.2276,
1.8566

304.1094,

 1.8020, 1.2517,

298.0267, 284.9583

0.4649

360.6667,
354.8583, 341.8509

■ 0.5189, 0.1033,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6099, 58.3506,
50.6107

■ 62.6099, 58.3506,
50.6107

■ 56.3337, 49.3637,
37.5260

■ 69.9211, 68.7250,
66.1433

■ 51.0407, 41.6975,
26.7605

■ 78.3067, 80.5339,
84.2363

■ 46.6818, 35.2918,
18.1793

■ 87.8096, 93.8322,
104.9996

■ 43.2013, 30.0784,
11.6319

■ 90.0858, 97.4408,
108.6677

■ 40.5380, 25.9827,
6.9487

■ 38.6217, 22.9214,
3.9326

■ 37.3700, 20.7989,
2.3408

■ 36.9977, 20.1446,
1.9383

Harmonies

Analogous

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



64.2611, 58.3506, 61.3364



62.6099, 58.3506, 50.6107



59.0491, 58.3506, 44.0719

Triad

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



62.6099, 58.3506, 50.6107



48.1671, 58.3506, 53.9925



56.2404, 58.3506, 90.6544

Complementary

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



62.6099, 58.3506, 50.6107



63.0428, 73.0843, 94.0034

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.



52.0203, 58.3506, 88.0178



62.6099, 58.3506, 50.6107



47.5024, 58.3506, 65.7832

Square

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



62.6099, 58.3506, 50.6107



50.7425, 58.3506, 45.8372



48.8772, 58.3506, 78.4886



60.4622, 58.3506, 85.2837

Rectangle

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



62.6099, 58.3506, 50.6107



56.1527, 58.3506, 42.4295



48.8772, 58.3506, 78.4886



54.7740, 58.3506, 90.6820

Sweetspot

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



62.6115, 58.3533, 50.6119



86.7207, 88.3212, 90.7716



66.9191, 56.7508, 83.5481



18.2461, 18.4603, 18.7459



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.



62.6115, 58.3533, 50.6119



67.2059, 60.6614, 49.2150



69.8227, 72.7757, 53.0156



15.9788, 16.1707, 16.4288



20.1264, 11.0508, 1.0722



1.7347, 1.0402, 0.1093

Inverse Universe

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



63.0428, 73.0843, 94.0034



67.7680, 80.0939, 106.4957



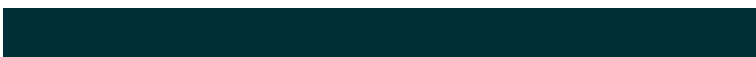
55.2850, 57.5688, 91.4175



16.0175, 17.4692, 20.2493



20.1611, 26.5463, 49.1892



1.7347, 2.3233, 4.1112

Previews

White Background



This preview shows how the XYZ color 62.6099, 58.3506, 50.6107 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 62.6099, 58.3506, 50.6107 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 62.6099, 58.3506, 50.6107

Background



This preview shows how black text looks on a background with the XYZ color 62.6099, 58.3506, 50.6107.



This preview shows how white text looks on a background with the XYZ color 62.6099, 58.3506,

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

62.6099, 58.3506, 50.6107

Protanopia

55.9381, 58.8314, 54.3063

Deuteranopia

59.6408, 58.4559, 50.2592



Tritanopia

64.9464, 58.3426, 62.4818

Trichromacy



Original Color

62.6099, 58.3506, 50.6107

Protanomaly

58.3323, 58.7236, 53.0601

Deuteranomaly

60.4898, 58.2373, 50.1722

Tritanomaly

63.9027, 58.2237, 57.7394

Monochromacy



Original Color

62.6099, 58.3506, 50.6107

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.5470, 59.0349, 59.3481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6099, 58.3506, 50.6107 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(241, 189, 179)` looks like.

```
.text, #text, p{  
    color:rgb(241, 189, 179)  
}
```

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(241, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 189, 179) }
```

Border

The CSS property to change the border of an element to XYZ 62.6099, 58.3506, 50.6107 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(241, 189, 179) }
```


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

```
.border{ border-color:rgb(241, 189, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 189, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 189, 179);  
box-shadow:4px 4px 4px 4px rgb(241, 189,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6099, 58.3506, 50.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 189, 179) }
```

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

```
.background{ background-color: rgb(241,  
189, 179) }
```

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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