

Converting Colors

XYZ(62.1914, 61.1884, 49.5811)

Have a look what the booklet for
XYZ(62.1914, 61.1884, 49.5811)
contains.

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Color

**XYZ(62.2915, 61.1849,
49.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC6B0
RGB	235, 198, 176
RGB Percent	92%, 78%, 69%
CMY	0.0784, 0.2235, 0.3098
CMYK	0.00, 0.16, 0.25, 0.08
HSL	22°, 60%, 81%
HSV	22°, 25%, 92%
XYZ	62.2915, 61.1849, 49.6011
YIQ	206.5550, 29.1140, 1.0020

Conversions

Conversions Part 2

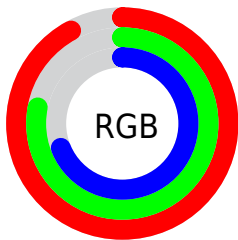
Format	Color
R _{YB}	235, 211, 176
Decimal	15451824
CIE _{Lab}	82.48, 9.84, 15.90
CIE _{LCh}	82, 18.697, 58.260
Yxy	61.1849, 0.3599, 0.3535
Android (android.graphics.Color)	4293641904 (0xFFEBC6B0)
YUV	206.5550, -15.0636, 24.9463
Hunter-Lab	78.2208, 5.2630, 17.1578

Details

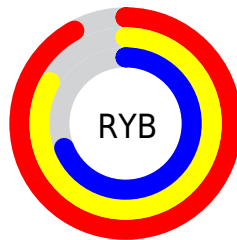
The XYZ color **62.2915, 61.1849, 49.6011** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.6936, 62.8151, 87.7340**, and the grayscale version is **59.1040, 62.1820, 67.7162**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **31.9085, 30.8416, 23.0101** is the 20% darker color. If you saturate the color by 10%, you get **56.9591, 53.9243, 37.3280**, and if you desaturate by 10%, it is **68.3575, 69.2675, 64.1059**.

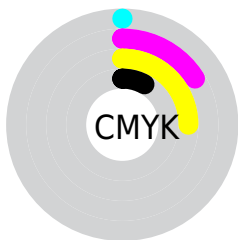
Distribution



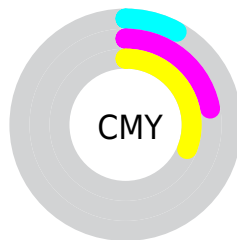
- Red (92%)
- Green (78%)
- Blue (69%)



- Red (92%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (8%)





- Cyan (8%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2915, 61.1849, 49.6011 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 62.2915, 61.1849, 49.6011 by changing the saturation by 10% instead.


 62.2915, 61.1849,
49.6011

 62.2915, 61.1849,
49.6011

422.6942,
428.9516, 401.7942

 45.5248, 44.3744,
34.7276


 107.2343,
106.5466, 90.9738

 32.0740, 30.9650,
23.1712


136.1410,
135.8666, 118.3100

 21.5739, 20.5722,
14.5135


169.8252,
170.1253, 150.6376

 13.6590, 12.8116,
8.3359

208.6521,
209.7069, 188.3750

 7.9640, 7.2990,
4.2198

252.9871,
254.9960, 231.9409

 4.1235, 3.6498,
1.7467

303.1955,

 1.7722, 1.4796,

306.3769, 281.7537

0.3924

359.6428,
364.2339, 338.2319

■ 0.5009, 0.2743,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2915, 61.1849,
49.6011

■ 62.2915, 61.1849,
49.6011

■ 56.9591, 53.9243,
37.3280

■ 68.3575, 69.2675,
64.1059

■ 52.3252, 47.4504,
27.1704

■ 75.1803, 78.1894,
80.9429

■ 48.3593, 41.7375,
19.0075

■ 82.7881, 87.9776,
100.2111

■ 45.0260, 36.7552,
12.7043

■ 88.0711, 96.4022,
108.5734

■ 42.2865, 32.4706,
8.1089

■ 40.0966, 28.8478,
5.0451

■ 38.4038, 25.8463,
3.2968

■ 37.7218, 24.5836,
2.7570

Harmonies

Analogous

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



65.1892, 61.1849, 56.7334



62.2915, 61.1849, 49.6011



58.3881, 61.1849, 46.9541

Triad

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



62.2915, 61.1849, 49.6011



50.8064, 61.1849, 65.9539



61.8693, 61.1849, 87.9463

Complementary

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



62.2915, 61.1849, 49.6011



56.6936, 62.8151, 87.7340

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.



57.9214, 61.1849, 91.1285



62.2915, 61.1849, 49.6011



51.6448, 61.1849, 77.5931

Square

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



62.2915, 61.1849, 49.6011



51.8607, 61.1849, 55.6998



54.2047, 61.1849, 87.1445



64.9377, 61.1849, 78.8816

Rectangle

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



62.2915, 61.1849, 49.6011



55.7796, 61.1849, 47.8291



54.2047, 61.1849, 87.1445



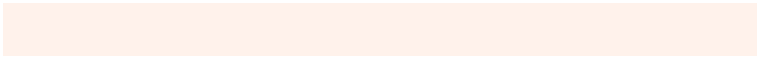
60.5956, 61.1849, 89.7821

Sweetspot

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



62.2931, 61.1877, 49.6024



87.9918, 90.8634, 91.1953



61.8437, 53.5363, 70.2697



18.5643, 19.0968, 18.8519



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

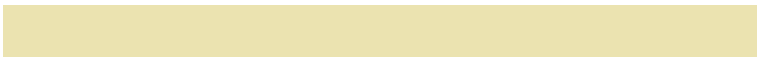
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.2931, 61.1877, 49.6024



71.6466, 69.1353, 51.9514



69.6034, 75.8083, 52.0391



15.5257, 15.9744, 15.7838



21.1062, 13.9067, 1.5718



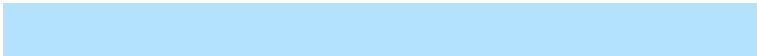
1.7469, 1.2712, 0.1533

Inverse Universe

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



56.6936, 62.8151, 87.7340



63.8490, 71.3922, 105.0226



50.0134, 49.4547, 85.5073



15.0182, 16.1229, 19.2427



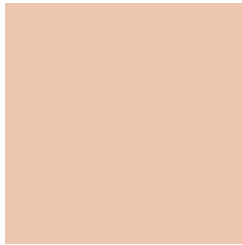
14.3096, 15.2662, 45.9354



1.2154, 1.3822, 3.6376

Previews

White Background



This preview shows how the XYZ color 62.2915, 61.1849, 49.6011 looks on a white background.

Color Contrast Check

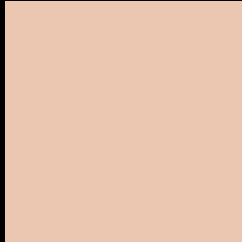
Large Text (above 18pt) WCAG AA × Fail

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 62.2915, 61.1849, 49.6011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

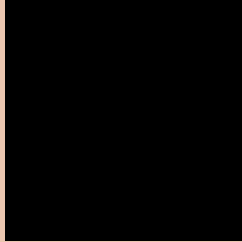
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2915, 61.1849, 49.6011

Background



This preview shows how black text looks on a background with the XYZ color 62.2915, 61.1849, 49.6011.



This preview shows how white text looks on a background with the XYZ color 62.2915, 61.1849,

49.6011.

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

62.2915, 61.1849, 49.6011

Protanopia

57.9923, 61.3644, 51.4358

Deuteranopia

62.6226, 61.3556, 49.6165



Tritanopia

66.0517, 61.0447, 67.9760

Trichromacy



Original Color

62.2915, 61.1849, 49.6011

Protanomaly

59.2806, 60.9850, 50.7663

Deuteranomaly

62.6226, 61.3556, 49.6165

Tritanomaly

64.7388, 61.1929, 60.6239

Monochromacy



Original Color

62.2915, 61.1849, 49.6011

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.1719, 61.9230, 61.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2915, 61.1849, 49.6011 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(235, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 198, 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(235, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 198, 176) }
```

Border

The CSS property to change the border of an element to XYZ 62.2915, 61.1849, 49.6011 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(235, 198, 176) }
```


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

```
.border{ border-color:rgb(235, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(235, 198,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2915, 61.1849, 49.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 198, 176) }
```

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

```
.background{ background-color: rgb(235,  
198, 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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