

Converting Colors

XYZ(61.4645, 61.7120, 58.6895)

Have a look what the booklet for
XYZ(61.4645, 61.7120, 58.6895)
contains.

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Color

**XYZ(61.4524, 61.5866,
58.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C9C0
RGB	225, 201, 192
RGB Percent	88%, 79%, 75%
CMY	0.1176, 0.2117, 0.2471
CMYK	0.00, 0.11, 0.15, 0.12
HSL	16°, 35%, 82%
HSV	16°, 15%, 88%
XYZ	61.4524, 61.5866, 58.5177
YIQ	207.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

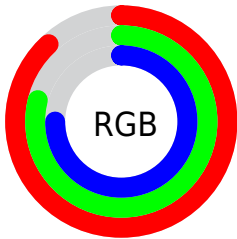
Format	Color
R _Y B	225, 204, 192
Decimal	14797248
CIE Lab	82.69, 6.95, 7.55
CIE LCh	83, 10.265, 47.383
Yxy	61.5866, 0.3385, 0.3392
Android (android.graphics.Color)	4292987328 (0xFFE1C9C0)
YUV	207.1500, -7.4690, 15.6544
Hunter-Lab	78.4771, 2.4415, 10.7235

Details

The XYZ color **61.4524, 61.5866, 58.5177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8844, 65.7531, 80.7701**, and the grayscale version is **59.4451, 62.5409, 68.1070**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **31.4561, 31.1665, 28.7839** is the 20% darker color. If you saturate the color by 10%, you get **55.5349, 53.4405, 45.1714**, and if you desaturate by 10%, it is **68.1607, 70.7032, 74.0093**.

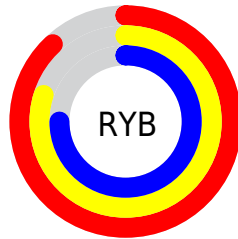
Distribution



Red (88%)

Green (79%)

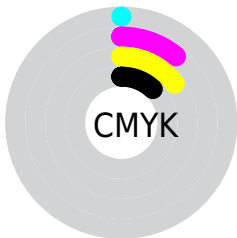
Blue (75%)



Red (88%)

Yellow (80%)

Blue (75%)

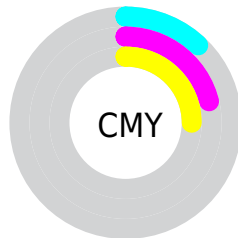


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (12%)



Cyan (12%)


Magenta (21%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4524, 61.5866, 58.5177 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 61.4524, 61.5866, 58.5177 by changing the saturation by 10% instead.


 61.4524, 61.5866,
58.5177

 61.4524, 61.5866,
58.5177


419.6803,
430.4215, 436.7643

 44.8443, 44.6987,
41.8075

 106.0281,
107.1278, 104.1986

 31.5356, 31.2202,
28.6262


134.7264,
136.5500, 134.0064

 21.1608, 20.7666,
18.5551


168.1855,
170.9191, 169.0171

 13.3547, 12.9535,
11.1757

206.7708,
210.6194, 209.6494

 7.7520, 7.3965,
6.0695

250.8475,
256.0354, 256.3217

 3.9871, 3.7113,
2.8179

300.7811,

 1.6948, 1.5134,

307.5515, 309.4526

1.0024

356.9369,
365.5521, 369.4606

■ 0.4530, 0.2981,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4524, 61.5866,
58.5177

■ 61.4524, 61.5866,
58.5177

■ 55.5349, 53.4405,
45.1714

■ 68.1607, 70.7032,
74.0093

■ 50.3732, 46.2244,
33.8716

■ 75.6831, 80.8126,
91.7315

■ 45.9372, 39.9071,
24.5171

■ 83.3146, 91.6536,
107.9075

■ 42.1925, 34.4522,
16.9968

■ 84.8616, 94.7477,
108.4232

■ 39.1020, 29.8211,
11.1883

■ 36.6245, 25.9718,
6.9538

■ 34.7138, 22.8585,
4.1340

■ 33.3155, 20.4294,
2.5352

■ 32.7413, 19.3872,
2.0164

Harmonies

Analogous

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



62.6738, 61.5866, 63.4969



61.4524, 61.5866, 58.5177



59.4667, 61.5866, 55.8986

Triad

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



61.4524, 61.5866, 58.5177



54.4979, 61.5866, 64.4413



59.8112, 61.5866, 79.3178

Complementary

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



61.4524, 61.5866, 58.5177



59.8844, 65.7531, 80.7701

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.



57.6155, 61.5866, 79.6103



61.4524, 61.5866, 58.5177



54.5849, 61.5866, 70.7485

Square

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



61.4524, 61.5866, 58.5177



55.4731, 61.5866, 59.1716



55.7138, 61.5866, 76.3898



61.7101, 61.5866, 75.6143

Rectangle

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



61.4524, 61.5866, 58.5177



57.9934, 61.5866, 55.7283



55.7138, 61.5866, 76.3898



59.0824, 61.5866, 79.8263

Sweetspot

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



61.4541, 61.5893, 58.5190



91.1303, 94.7191, 99.7057



62.3222, 58.6759, 73.1429



19.3521, 20.0664, 20.9826



0.0000, 0.0000, 0.0000



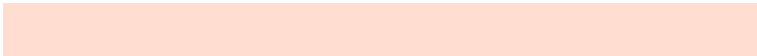
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4541, 61.5893, 58.5190



78.7825, 77.9114, 71.2727



65.4567, 69.5945, 59.8532



14.0100, 14.3060, 14.3297



18.9505, 11.3389, 1.1898



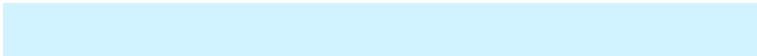
1.3870, 0.9329, 0.1070

Inverse Universe

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



59.8844, 65.7531, 80.7701



76.2668, 84.5779, 106.9132



55.9145, 57.8133, 79.4468



13.7838, 14.9067, 17.5385



15.5431, 18.5557, 43.8108



1.1507, 1.4328, 3.0612

Previews

White Background



This preview shows how the XYZ color 61.4524, 61.5866, 58.5177 looks on a white background.

Color Contrast Check

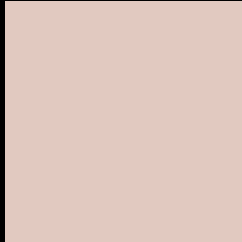
Large Text (above 18pt) WCAG AA × Fail

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 61.4524, 61.5866, 58.5177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

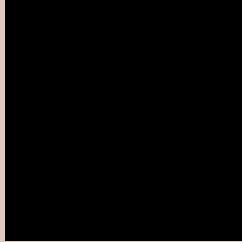
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4524, 61.5866, 58.5177

Background



This preview shows how black text looks on a background with the XYZ color 61.4524, 61.5866, 58.5177.



This preview shows how white text looks on a background with the XYZ color 61.4524, 61.5866,

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

61.4524, 61.5866, 58.5177

Protanopia

58.7203, 61.5547, 59.8253

Deuteranopia

62.8928, 61.6415, 58.4524



Tritanopia

64.1992, 61.6862, 71.4738

Trichromacy



Original Color

61.4524, 61.5866, 58.5177

Protanomaly

59.8338, 61.7877, 59.2247

Deuteranomaly

62.4818, 61.7723, 58.4993

Tritanomaly

63.1214, 61.5855, 66.3179

Monochromacy



Original Color

61.4524, 61.5866, 58.5177

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2235, 62.2231, 64.7132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4524, 61.5866, 58.5177 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(225, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 192)  
}
```

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(225, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 192) }
```

Border

The CSS property to change the border of an element to XYZ 61.4524, 61.5866, 58.5177 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(225, 201, 192) }
```


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

```
.border{ border-color:rgb(225, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4524, 61.5866, 58.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 192) }
```

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

```
.background{ background-color: rgb(225,  
201, 192) }
```

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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