

Converting Colors

XYZ(61.1415, 61.4264, 58.5031)

Have a look what the booklet for
XYZ(61.1415, 61.4264, 58.5031)
contains.

XYZ(61.1415, 61.4264, 58.5031)	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(61.1415, 61.4264,
58.5031)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C9C0
RGB	224, 201, 192
RGB Percent	88%, 79%, 75%
CMY	0.1216, 0.2117, 0.2471
CMYK	0.00, 0.10, 0.14, 0.12
HSL	17°, 34%, 82%
HSV	17°, 14%, 88%
XYZ	61.1415, 61.4264, 58.5031
YIQ	206.8510, 16.5970, 2.0770

Conversions

Conversions Part 2

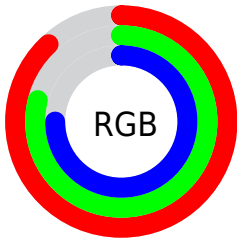
Format	Color
R_{YB}	224, 205, 192
Decimal	14731712
CIE _{Lab}	82.61, 6.59, 7.42
CIE _{LCh}	83, 9.923, 48.393
Yxy	61.4264, 0.3377, 0.3392
Android (android.graphics.Color)	4292921792 (0xFFE0C9C0)
YUV	206.8510, -7.3215, 15.0397
Hunter-Lab	78.3750, 2.0943, 10.6054

Details

The XYZ color **61.1415, 61.4264, 58.5031** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4927, 65.1875, 79.9682**, and the grayscale version is **59.2518, 62.3376, 67.8856**.

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 **55.2885, 53.3943, 45.2249**, and if you desaturate by 10%, it is **67.7689, 70.4016, 73.9045**.

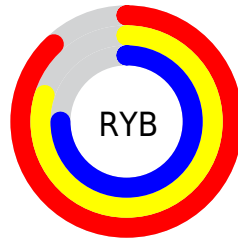
Distribution



Red (88%)

Green (79%)

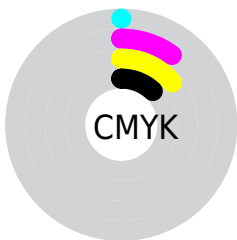
Blue (75%)



Red (88%)

Yellow (80%)

Blue (75%)

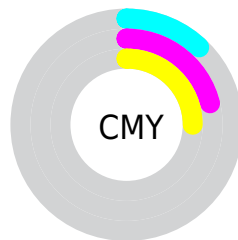


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (12%)



Cyan (12%)


Magenta (21%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1415, 61.4264, 58.5031 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 61.1415, 61.4264, 58.5031 by changing the saturation by 10% instead.


 61.1415, 61.4264,
58.5031

 61.1415, 61.4264,
58.5031


418.5603,
429.8357, 436.7085

 44.5923, 44.5694,
41.7959


 105.5807,
106.8961, 104.1771

 31.3364, 31.1184,
28.6171


134.2015,
136.2775, 133.9810

 21.0082, 20.6890,
18.5483

167.5769,
170.6026, 168.9875

 13.2425, 12.8969,
11.1708

206.0723,
210.2557, 209.6152

 7.6739, 7.3576,
6.0662

250.0529,
255.6211, 256.2826

 3.9370, 3.6867,
2.8160

299.8842,

 1.6666, 1.4999,

307.0833, 309.4083

1.0014

355.9316,
365.0267, 369.4107

■ 0.4352, 0.2887,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1415, 61.4264,
58.5031

■ 61.1415, 61.4264,
58.5031

■ 55.2885, 53.3943,
45.2249

■ 67.7689, 70.4016,
73.9045

■ 50.1759, 46.2663,
33.9724

■ 75.1931, 80.3410,
91.5131

■ 45.7743, 40.0122,
24.6461

■ 82.7580, 91.0021,
107.8111

■ 42.0503, 34.5976,
17.1366

■ 84.5506, 94.5874,
108.4086

■ 38.9680, 29.9852,
11.3235

■ 36.4874, 26.1351,
7.0715

■ 34.5637, 23.0032,
4.2242

■ 33.1443, 20.5405,
2.5919

■ 32.5199, 19.4059,
2.0317

Harmonies

Analogous

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



62.3507, 61.4264, 63.2554



61.1415, 61.4264, 58.5031



59.2106, 61.4264, 56.0549

Triad

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



61.1415, 61.4264, 58.5031



54.4694, 61.4264, 64.5542



59.6837, 61.4264, 78.6223

Complementary

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



61.1415, 61.4264, 58.5031



59.4927, 65.1875, 79.9682

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.



57.5651, 61.4264, 79.0226



61.1415, 61.4264, 58.5031



54.5891, 61.4264, 70.6465

Square

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



61.1415, 61.4264, 58.5031



55.3795, 61.4264, 59.4041



55.7106, 61.4264, 76.0270



61.4951, 61.4264, 74.9644

Rectangle

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



61.1415, 61.4264, 58.5031



57.7891, 61.4264, 55.9535



55.7106, 61.4264, 76.0270



58.9828, 61.4264, 79.1502

Sweetspot

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



61.1432, 61.4291, 58.5044



91.1570, 94.7725, 99.7146



61.9165, 58.4776, 72.6293



19.3588, 20.0799, 20.9849



0.0000, 0.0000, 0.0000



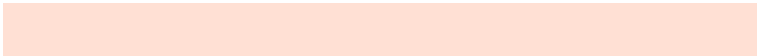
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1432, 61.4291, 58.5044



79.6944, 79.2256, 73.1478



64.9482, 69.0391, 59.7727



14.0197, 14.3253, 14.3329



19.0130, 11.4639, 1.2107



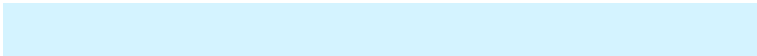
1.3924, 0.9437, 0.1088

Inverse Universe

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



59.4927, 65.1875, 79.9682



77.0919, 85.1477, 106.9797



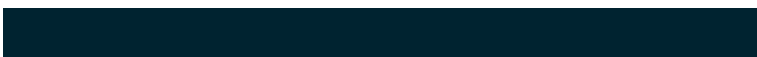
55.7244, 57.6510, 78.7122



13.7736, 14.8863, 17.5351



15.3487, 18.1670, 43.7460



1.1385, 1.4084, 3.0571

Previews

White Background



This preview shows how the XYZ color 61.1415, 61.4264, 58.5031 looks on a white background.

Color Contrast Check

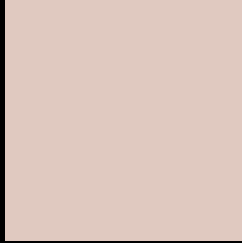
Large Text (above 18pt) WCAG AA × Fail

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 61.1415, 61.4264, 58.5031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

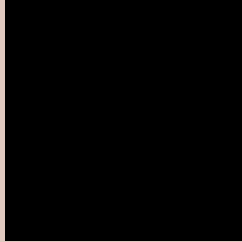
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1415, 61.4264, 58.5031

Background



This preview shows how black text looks on a background with the XYZ color 61.1415, 61.4264, 58.5031.



This preview shows how white text looks on a background with the XYZ color 61.1415, 61.4264,

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

61.1415, 61.4264, 58.5031

Protanopia

58.7203, 61.5547, 59.8253

Deuteranopia

62.5710, 61.4756, 58.4373



Tritanopia

63.8829, 61.5232, 71.4590

Trichromacy



Original Color

61.1415, 61.4264, 58.5031

Protanomaly

59.5374, 61.6349, 59.2108

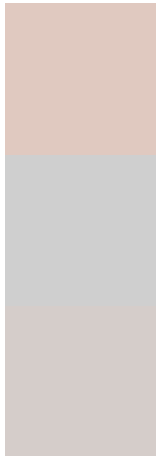
Deuteranomaly

62.1636, 61.6083, 58.4844

Tritanomaly

62.8069, 61.4234, 66.3032

Monochromacy



Original Color

61.1415, 61.4264, 58.5031

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9326, 62.0730, 64.6996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1415, 61.4264, 58.5031 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(224, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 192) }
```

Border

The CSS property to change the border of an element to XYZ 61.1415, 61.4264, 58.5031 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(224, 201, 192) }
```


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

```
.border{ border-color:rgb(224, 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(224, 201, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1415, 61.4264, 58.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 192) }
```

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

```
.background{ background-color: rgb(224,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor