

Converting Colors

XYZ(58.6437, 68.6774, 61.2073)

Have a look what the booklet for
XYZ(58.6437, 68.6774, 61.2073)
contains.

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Color

**XYZ(58.6414, 68.6757,
61.2039)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E0C2
RGB	194, 224, 194
RGB Percent	76%, 88%, 76%
CMY	0.2392, 0.1215, 0.2392
CMYK	0.13, 0.00, 0.13, 0.12
HSL	120°, 33%, 82%
HSV	120°, 13%, 88%
XYZ	58.6414, 68.6757, 61.2039
YIQ	211.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

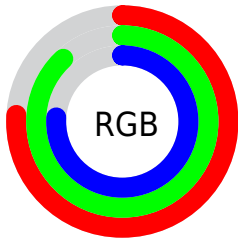
Format	Color
RYB	194, 224, 224
Decimal	12771522
CIELab	86.34, -15.48, 11.40
CIELCh	86, 19.221, 143.638
Yxy	68.6757, 0.3111, 0.3643
Android (android.graphics.Color)	4290961602 (0xFFC2E0C2)
YUV	211.6100, -8.6817, -15.4440
Hunter-Lab	82.8708, -18.7130, 14.2212

Details

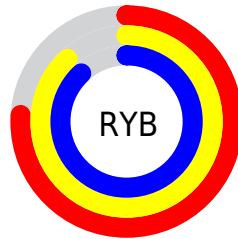
The XYZ color **58.6414, 68.6757, 61.2039** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.4893, 59.8143, 78.7234**, and the grayscale version is **62.3817, 65.6304, 71.4715**.

A 20% lighter version of the original color is **92.9562, 98.9943, 105.4753**, and **29.7368, 35.8448, 30.1624** is the 20% darker color. If you saturate the color by 10%, you get **50.9909, 65.0028, 48.6886**, and if you desaturate by 10%, it is **67.5415, 72.9529, 75.7600**.

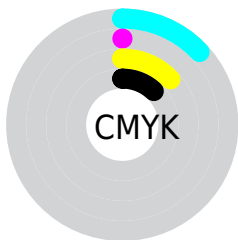
Distribution



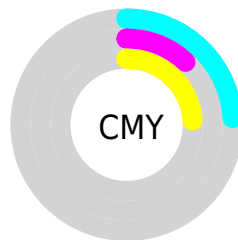
- Red (76%)
- Green (88%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6414, 68.6757, 61.2039 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 58.6414, 68.6757, 61.2039 by changing the saturation by 10% instead.

■ 58.6414, 68.6757,
61.2039

■ 58.6414, 68.6757,
61.2039

409.4871,
455.8864, 446.9485

■ 42.5698, 50.4476,
43.9581

■ 101.9739,
117.3183, 108.1345

■ 29.7408, 35.7692,
30.3006

129.9655,
148.5016, 138.6564

■ 19.7890, 24.2560,
19.8129

162.6611,
184.7720, 174.4408

■ 12.3491, 15.5236,
12.0764

200.4261,
226.5141, 215.9062

■ 7.0558, 9.1877,
6.6726

243.6259,
274.1122, 263.4711

■ 3.5437, 4.8638,
3.1828


292.6257,

■ 1.4474, 2.1676,


327.9507, 317.5541


1.1887


347.7910,
388.4139, 378.5737


 0.2896, 0.7022,
0.0000


 0.0000, 0.0000,
0.0000

 58.6414, 68.6757,
61.2039


 58.6414, 68.6757,
61.2039


 50.9909, 65.0028,
48.6886


 67.5415, 72.9529,
75.7600

 44.5289, 61.8988,
38.1188

 77.7377, 77.8506,
92.4376

 39.1974, 59.3378,
29.3982

 85.9470, 81.7940,
105.8657

 34.9315, 57.2887,
22.4204

■ 31.6596, 55.7170,
17.0686

■ 29.3014, 54.5842,
13.2113

■ 27.7641, 53.8458,
10.6968

■ 26.9355, 53.4478,
9.3413

■ 26.6570, 53.3140,
8.8857

Harmonies

Analogous

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



61.9125, 68.6757, 54.5499



58.6414, 68.6757, 61.2039



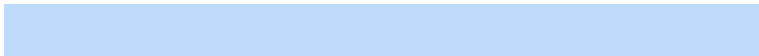
57.1562, 68.6757, 72.1010

Triad

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



58.6414, 68.6757, 61.2039



64.3333, 68.6757, 101.7859



73.4069, 68.6757, 65.3999

Complementary

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



58.6414, 68.6757, 61.2039



63.4893, 59.8143, 78.7234

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.



74.1266, 68.6757, 77.5167



58.6414, 68.6757, 61.2039



68.7555, 68.6757, 99.4703

Square

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



58.6414, 68.6757, 61.2039



60.3450, 68.6757, 96.2310



72.3892, 68.6757, 90.2198



70.4647, 68.6757, 56.7737

Rectangle

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



58.6414, 68.6757, 61.2039



57.3285, 68.6757, 80.6872



72.3892, 68.6757, 90.2198



73.9221, 68.6757, 69.1611

Sweetspot

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



58.6433, 68.6786, 61.2054



89.7974, 97.4769, 100.3084



67.1368, 73.0572, 61.6027



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



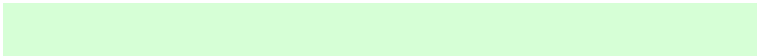
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6433, 68.6786, 61.2054



75.7132, 90.7115, 77.2712



60.4145, 69.3871, 70.5325



13.5288, 15.3373, 14.5542



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



63.4893, 59.8143, 78.7234



83.3871, 76.6744, 105.0120



61.5431, 59.0359, 68.4750



14.2951, 13.9357, 17.3241



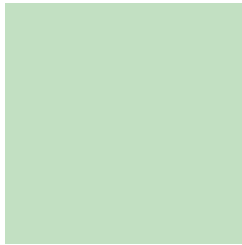
25.7245, 12.3568, 42.0765



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 58.6414, 68.6757, 61.2039 looks on a white background.

Color Contrast Check

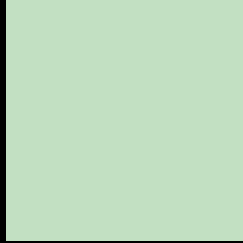
Large Text (above 18pt) WCAG AA × Fail

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 58.6414, 68.6757, 61.2039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

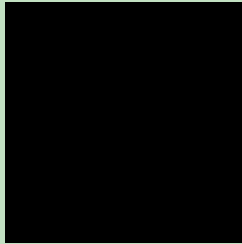
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

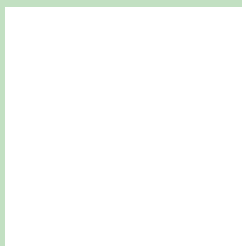
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6414, 68.6757, 61.2039

Background



This preview shows how black text looks on a background with the XYZ color 58.6414, 68.6757, 61.2039.

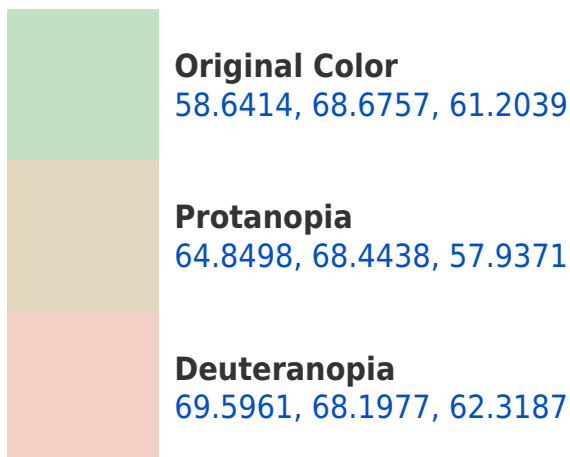


This preview shows how white text looks on a background with the XYZ color 58.6414, 68.6757,

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





Tritanopia

64.1542, 68.5585, 88.4491

Trichromacy



Original Color

58.6414, 68.6757, 61.2039

Protanomaly

62.2069, 68.2005, 59.1756

Deuteranomaly

65.0617, 68.0862, 61.9374

Tritanomaly

61.8002, 68.3595, 77.6476

Monochromacy



Original Color

58.6414, 68.6757, 61.2039

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.7521, 66.4986, 67.3911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6414, 68.6757, 61.2039 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(194, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 194)  
}
```

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(194, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.6414, 68.6757, 61.2039 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(194, 224, 194) }
```


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

```
.border{ border-color:rgb(194, 224, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 224, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6414, 68.6757, 61.2039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 194) }
```

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

```
.background{ background-color: rgb(194,  
224, 194) }
```

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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