

Converting Colors

XYZ(60.3243, 67.6496, 62.9241)

Have a look what the booklet for
XYZ(60.3243, 67.6496, 62.9241)
contains.

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Color

**XYZ(60.3114, 67.5316,
62.6795)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDBC5
RGB	204, 219, 197
RGB Percent	80%, 86%, 77%
CMY	0.2000, 0.1412, 0.2274
CMYK	0.07, 0.00, 0.10, 0.14
HSL	101°, 23%, 82%
HSV	101°, 10%, 86%
XYZ	60.3114, 67.5316, 62.6795
YIQ	212.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

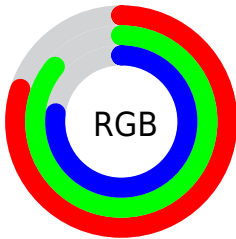
Format	Color
RYB	197, 219, 212
Decimal	13425605
CIELab	85.77, -9.01, 9.09
CIELCh	86, 12.804, 134.740
Yxy	67.5316, 0.3166, 0.3545
Android (android.graphics.Color)	4291615685 (0xFFCCDBC5)
YUV	212.0070, -7.3985, -7.0221
Hunter-Lab	82.1776, -12.8070, 12.3019

Details

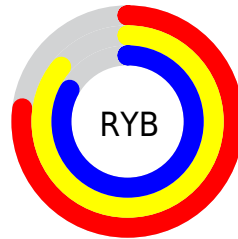
The XYZ color **60.3114, 67.5316, 62.6795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9065, 59.0459, 75.2609**, and the grayscale version is **62.6340, 65.8959, 71.7606**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.8111, 35.0181, 31.1219** is the 20% darker color. If you saturate the color by 10%, you get **54.0837, 64.5922, 50.2266**, and if you desaturate by 10%, it is **67.3000, 70.8250, 77.0739**.

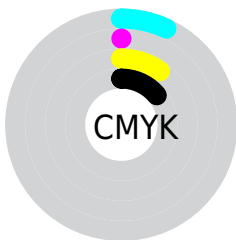
Distribution



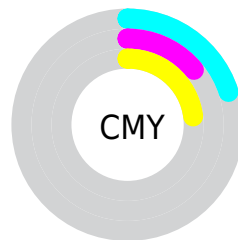
- Red (80%)
- Green (86%)
- Blue (77%)



- Red (77%)
- Yellow (86%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (20%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3114, 67.5316, 62.6795 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 60.3114, 67.5316, 62.6795 by changing the saturation by 10% instead.

60.3114, 67.5316,
62.6795

60.3114, 67.5316,
62.6795

415.5610,
451.8347, 452.4813

43.9201, 49.5168,
45.1426

104.3850,
115.6818, 110.2881

30.8053, 35.0296,
31.2260

132.7981,
146.5860, 141.1969

20.6018, 23.6857,
20.5111

165.9491,
182.5554, 177.4002

12.9440, 15.1006,
12.5794

204.2034,
223.9744, 219.3163

7.4667, 8.8900,
7.0122

247.9264,
271.2274, 267.3640

3.8046, 4.6695,
3.3912

297.4834,

1.5922, 2.0547,

324.6989, 321.9617

1.2977

353.2399,
384.7732, 383.5279

■ 0.3873, 0.6390,
0.0599

■ 0.0000, 0.0000,
0.0000

■ 60.3114, 67.5316,
62.6795

■ 60.3114, 67.5316,
62.6795

■ 54.0837, 64.5922,
50.2266

■ 67.3000, 70.8250,
77.0739

■ 48.5846, 61.9863,
39.6278

■ 75.0691, 74.4750,
93.4832

■ 43.7877, 59.7039,
30.7957

■ 82.3793, 77.9891,
105.3193

■ 39.6629, 57.7317,
23.6340

■ 84.6228, 79.1457,
105.4243

■ 36.1775, 56.0552,
18.0371

■ 33.2959, 54.6585,
13.8877

■ 30.9784, 53.5242,
11.0517

■ 29.1796, 52.6323,
9.3700

■ 27.8347, 51.9554,
8.5614

Harmonies

Analogous

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



62.7674, 67.5316, 59.0366



60.3114, 67.5316, 62.6795



58.9159, 67.5316, 69.3747

Triad

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



60.3114, 67.5316, 62.6795



62.7188, 67.5316, 90.1779



69.7770, 67.5316, 69.5106

Complementary

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



60.3114, 67.5316, 62.6795



59.9065, 59.0459, 75.2609

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.



69.7630, 67.5316, 77.8489



60.3114, 67.5316, 62.6795



65.6274, 67.5316, 90.2212

Square

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



60.3114, 67.5316, 62.6795



60.2768, 67.5316, 85.4522



68.2247, 67.5316, 85.5665



68.2623, 67.5316, 62.7725

Rectangle

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



60.3114, 67.5316, 62.6795



58.7470, 67.5316, 74.8685



68.2247, 67.5316, 85.5665



69.9524, 67.5316, 72.2084

Sweetspot

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



60.3133, 67.5345, 62.6810



91.9494, 98.5411, 102.4532



62.7544, 66.0146, 62.2589



19.5072, 21.0101, 21.5698



0.0000, 0.0000, 0.0000



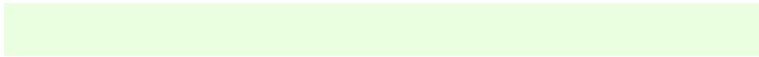
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3133, 67.5345, 62.6810



83.2446, 94.4387, 84.6468



58.8629, 66.7377, 64.8336



13.2745, 14.8062, 13.8838



16.6047, 30.8575, 5.0809



1.1637, 2.0444, 0.3333

Inverse Universe

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



59.9065, 59.0459, 75.2609



82.5623, 80.2069, 105.7377



61.4908, 59.9178, 72.8422



13.1906, 13.0564, 16.4771



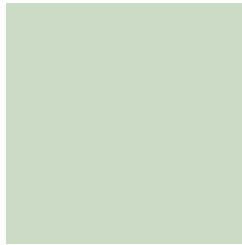
15.0854, 6.9010, 40.2753



1.0653, 0.4924, 2.6133

Previews

White Background



This preview shows how the XYZ color 60.3114, 67.5316, 62.6795 looks on a white background.

Color Contrast Check

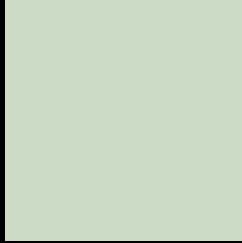
Large Text (above 18pt) WCAG AA × Fail

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 60.3114, 67.5316, 62.6795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

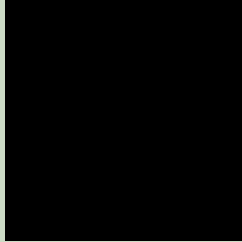
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

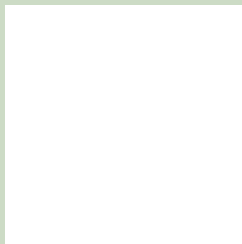
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3114, 67.5316, 62.6795

Background



This preview shows how black text looks on a background with the XYZ color 60.3114, 67.5316, 62.6795.



This preview shows how white text looks on a background with the XYZ color 60.3114, 67.5316,

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

60.3114, 67.5316, 62.6795

Protanopia

63.9633, 67.1715, 60.6331

Deuteranopia

68.5568, 67.2744, 63.4048



Tritanopia

64.7649, 67.4180, 85.2008

Trichromacy



Original Color

60.3114, 67.5316, 62.6795

Protanomaly

62.4697, 67.1399, 61.2966

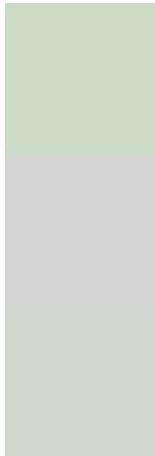
Deuteranomaly

65.1659, 66.9966, 62.9231

Tritanomaly

63.0742, 67.4916, 76.7207

Monochromacy



Original Color

60.3114, 67.5316, 62.6795

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8574, 66.6612, 68.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3114, 67.5316, 62.6795 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(204, 219, 197) looks like.

```
.text, #text, p{  
    color:rgb(204, 219, 197)  
}
```

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(204, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 219, 197) }
```

Border

The CSS property to change the border of an element to XYZ 60.3114, 67.5316, 62.6795 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(204, 219, 197) }
```


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

```
.border{ border-color:rgb(204, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 219,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3114, 67.5316, 62.6795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 219, 197) }
```

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

```
.background{ background-color: rgb(204,  
219, 197) }
```

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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