

Converting Colors

XYZ(59.3795, 67.9017, 60.8834)

Have a look what the booklet for
XYZ(59.3795, 67.9017, 60.8834)
contains.

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Color

**XYZ(59.4135, 67.8873,
61.0111)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DDC2
RGB	200, 221, 194
RGB Percent	78%, 87%, 76%
CMY	0.2157, 0.1333, 0.2392
CMYK	0.10, 0.00, 0.12, 0.13
HSL	107°, 28%, 81%
HSV	107°, 12%, 87%
XYZ	59.4135, 67.8873, 61.0111
YIQ	211.6430, -3.8490, -12.8490

Conversions

Conversions Part 2

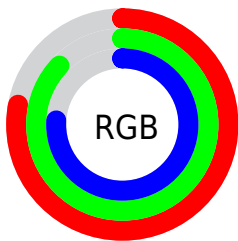
Format	Color
RYB	194, 221, 215
Decimal	13163970
CIELab	85.95, -11.92, 10.89
CIELCh	86, 16.150, 137.591
Yxy	67.8873, 0.3155, 0.3605
Android (android.graphics.Color)	4291354050 (0xFFC8DDC2)
YUV	211.6430, -8.6980, -10.2109
Hunter-Lab	82.3937, -15.4741, 13.7724

Details

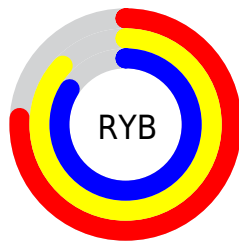
The XYZ color **59.4135, 67.8873, 61.0111** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.3699, 58.2530, 76.4722**, and the grayscale version is **62.4016, 65.6514, 71.4943**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **30.2239, 35.2769, 30.0271** is the 20% darker color. If you saturate the color by 10%, you get **52.7782, 64.7344, 48.6933**, and if you desaturate by 10%, it is **66.9379, 71.4598, 75.3002**.

Distribution



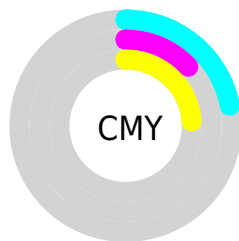
- Red (78%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4135, 67.8873, 61.0111 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 59.4135, 67.8873, 61.0111 by changing the saturation by 10% instead.

■ 59.4135, 67.8873,
61.0111

■ 59.4135, 67.8873,
61.0111

412.3020,
453.0966, 446.2224

■ 43.1937, 49.8061,
43.8035

103.0896,
116.1909, 107.8527

■ 30.2323, 35.2593,
30.1800

131.2766,
147.1820, 138.3238

■ 20.1639, 23.8627,
19.7220

164.1835,
183.2453, 174.0531

■ 12.6232, 15.2318,
12.0111

202.1755,
224.7650, 215.4592

■ 7.2448, 8.9822,
6.6286

245.6179,
272.1256, 262.9607

■ 3.6634, 4.7296,
3.1560

294.8763,

■ 1.5135, 2.0895,

325.7115, 316.9760

1.1748

350.3159,
385.9070, 377.9237

■ 0.3350, 0.6587,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4135, 67.8873,
61.0111

■ 59.4135, 67.8873,
61.0111

■ 52.7782, 64.7344,
48.6933

■ 66.9379, 71.4598,
75.3002

■ 46.9933, 61.9772,
38.2561

■ 75.3774, 75.4576,
91.6372

■ 42.0251, 59.6023,
29.6082

■ 83.8978, 79.5512,
105.5408

■ 37.8359, 57.5924,
22.6491

■ 85.1478, 80.1956,
105.5993

■ 34.3844, 55.9286,
17.2681

■ 31.6257, 54.5905,
13.3416

■ 29.5094, 53.5551,
10.7273

■ 27.9773, 52.7963,
9.2546

■ 27.1294, 52.3711,
8.6788

Harmonies

Analogous

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



62.3986, 67.8873, 56.1479



59.4135, 67.8873, 61.0111



57.8235, 67.8873, 69.6255

Triad

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



59.4135, 67.8873, 61.0111



63.0082, 67.8873, 95.6544



71.5465, 67.8873, 67.9297

Complementary

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



59.4135, 67.8873, 61.0111



60.3699, 58.2530, 76.4722

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.



71.7249, 67.8873, 78.3828



59.4135, 67.8873, 61.0111



66.6988, 67.8873, 95.0893

Square

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



59.4135, 67.8873, 61.0111



59.8450, 67.8873, 90.0043



69.9212, 67.8873, 88.5271



69.4425, 67.8873, 59.8721

Rectangle

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



59.4135, 67.8873, 61.0111



57.7270, 67.8873, 76.6419



69.9212, 67.8873, 88.5271



71.8364, 67.8873, 71.2588

Sweetspot

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



59.4153, 67.8902, 61.0126



90.5920, 97.8866, 100.3455



63.7833, 67.7185, 60.7492



19.2159, 20.8690, 21.1447



0.0000, 0.0000, 0.0000



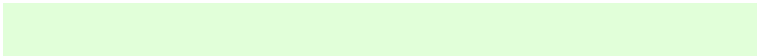
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4153, 67.8902, 61.0126



79.3807, 92.5642, 79.1582



58.6728, 67.4117, 65.3028



13.1557, 14.7450, 13.8783



15.8392, 30.4629, 5.0451



1.1007, 2.0120, 0.3303

Inverse Universe

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



60.3699, 58.2530, 76.4722



80.9807, 76.4006, 105.0864



61.2251, 58.8023, 71.6103



13.3166, 13.1214, 16.4829



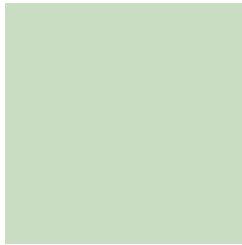
17.5531, 8.1731, 40.3908



1.2084, 0.5662, 2.6200

Previews

White Background



This preview shows how the XYZ color 59.4135, 67.8873, 61.0111 looks on a white background.

Color Contrast Check

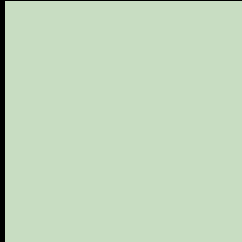
Large Text (above 18pt) WCAG AA × Fail

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 59.4135, 67.8873, 61.0111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

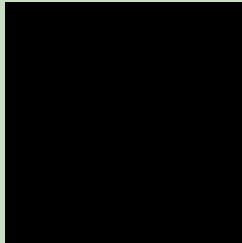
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

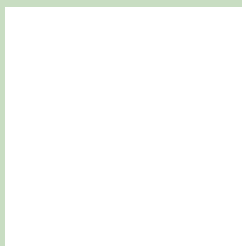
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4135, 67.8873, 61.0111

Background



This preview shows how black text looks on a background with the XYZ color 59.4135, 67.8873, 61.0111.



This preview shows how white text looks on a background with the XYZ color 59.4135, 67.8873,

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

59.4135, 67.8873, 61.0111

Protanopia

64.0813, 67.6581, 58.3971

Deuteranopia

69.0088, 67.5341, 62.2216



Tritanopia

64.4620, 67.6059, 86.7425

Trichromacy



Original Color

59.4135, 67.8873, 61.0111

Protanomaly

62.2412, 67.8344, 59.1031

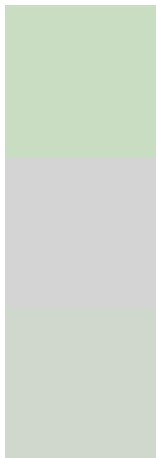
Deuteranomaly

65.1858, 67.4034, 61.7990

Tritanomaly

62.5009, 67.5776, 76.7675

Monochromacy



Original Color

59.4135, 67.8873, 61.0111

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3323, 66.4186, 67.3451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4135, 67.8873, 61.0111 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(200, 221, 194) looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 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(200, 221, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 194) }
```

Border

The CSS property to change the border of an element to XYZ 59.4135, 67.8873, 61.0111 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(200, 221, 194) }
```


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

```
.border{ border-color:rgb(200, 221, 194) }
```

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

Here you see how a box with a 4 pixel rgb(200, 221, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 194);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4135, 67.8873, 61.0111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 194) }
```

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

```
.background{ background-color: rgb(200,  
221, 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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