

Converting Colors

XYZ(59.1181, 67.4793, 62.4780)

Have a look what the booklet for
XYZ(59.1181, 67.4793, 62.4780)
contains.

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Color

**XYZ(58.9599, 67.2234,
62.6912)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DCC5
RGB	198, 220, 197
RGB Percent	78%, 86%, 77%
CMY	0.2235, 0.1372, 0.2274
CMYK	0.10, 0.00, 0.10, 0.14
HSL	117°, 25%, 82%
HSV	117°, 10%, 86%
XYZ	58.9599, 67.2234, 62.6912
YIQ	210.8000, -5.7290, -11.8170

Conversions

Conversions Part 2

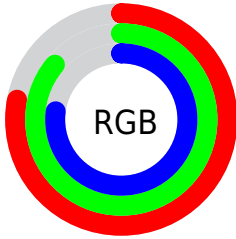
Format	Color
RYB	197, 220, 219
Decimal	13032645
CIELab	85.62, -11.58, 8.82
CIELCh	86, 14.553, 142.709
Yxy	67.2234, 0.3122, 0.3559
Android (android.graphics.Color)	4291222725 (0xFFC6DCC5)
YUV	210.8000, -6.8034, -11.2256
Hunter-Lab	81.9899, -15.1208, 12.0585

Details

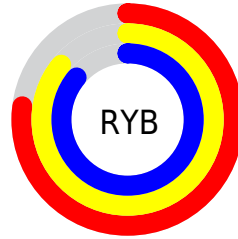
The XYZ color **58.9599, 67.2234, 62.6912** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1007, 60.1618, 76.0530**, and the grayscale version is **61.8326, 65.0527, 70.8424**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.9147, 34.8227, 31.1314** is the 20% darker color. If you saturate the color by 10%, you get **51.4540, 63.6262, 50.1272**, and if you desaturate by 10%, it is **67.6082, 71.3708, 77.2319**.

Distribution



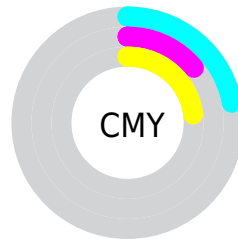
- Red (78%)
- Green (86%)
- Blue (77%)



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



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



- Cyan (22%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9599, 67.2234, 62.6912 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 58.9599, 67.2234, 62.6912 by changing the saturation by 10% instead.

■ 58.9599, 67.2234,
62.6912

■ 58.9599, 67.2234,
62.6912

410.6497,
450.7396, 452.5250

■ 42.8271, 49.2662,
45.1520

102.4343,
115.2405, 110.3052

■ 29.9434, 34.8307,
31.2334

130.5067,
146.0691, 141.2170

■ 19.9435, 23.5325,
20.5167

163.2896,
181.9570, 177.4236

■ 12.4620, 14.9872,
12.5834

201.1484,
223.2886, 219.3433

■ 7.1336, 8.8104,
7.0150

244.4484,
270.4483, 267.3948

■ 3.5928, 4.6177,
3.3929

293.5551,

■ 1.4745, 2.0248,

323.8204, 321.9965

1.2986

348.8338,
383.7893, 383.5671

■ 0.3084, 0.6218,
0.0606

■ 0.0000, 0.0000,
0.0000

■ 58.9599, 67.2234,
62.6912

■ 58.9599, 67.2234,
62.6912

■ 51.4540, 63.6262,
50.1272

■ 67.6082, 71.3708,
77.2319

■ 45.0376, 60.5481,
39.4505

■ 77.4380, 76.0812,
93.8249

■ 39.6616, 57.9676,
30.5713

■ 84.8845, 79.6691,
105.5115

■ 35.2712, 55.8587,
23.3907

■ 31.8065, 54.1927,
17.8005

■ 29.2012, 52.9382,
13.6798

■ 27.3801, 52.0592,
10.8907

■ 26.2549, 51.5139,
9.2688

■ 25.7142, 51.2508,
8.5371

Harmonies

Analogous

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



61.4666, 67.2234, 57.6259



58.9599, 67.2234, 62.6912



57.7826, 67.2234, 70.9045

Triad

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



58.9599, 67.2234, 62.6912



63.0890, 67.2234, 92.8181



69.9506, 67.2234, 66.3769

Complementary

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



58.9599, 67.2234, 62.6912



62.1007, 60.1618, 76.0530

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.



70.4214, 67.2234, 75.5340



58.9599, 67.2234, 62.6912



66.3841, 67.2234, 91.3422

Square

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



58.9599, 67.2234, 62.6912



60.1125, 67.2234, 88.6854



69.0956, 67.2234, 84.8107



67.8305, 67.2234, 59.6221

Rectangle

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



58.9599, 67.2234, 62.6912



57.8804, 67.2234, 77.2813



69.0956, 67.2234, 84.8107



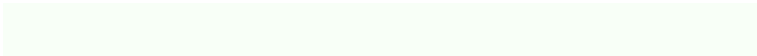
70.3099, 67.2234, 69.2551

Sweetspot

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



58.9617, 67.2263, 62.6927



91.2014, 98.1555, 102.4182



64.8887, 69.8351, 62.8838



19.3061, 20.9064, 21.5604



0.0000, 0.0000, 0.0000



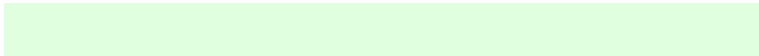
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9617, 67.2263, 62.6927



79.4456, 92.5200, 82.6728



59.9267, 67.5819, 69.1443



12.9386, 14.6331, 13.8681



15.1147, 30.0894, 5.0112



0.9981, 1.9591, 0.3255

Inverse Universe

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



62.1007, 60.1618, 76.0530



84.8436, 80.3708, 105.6491



61.0731, 59.7856, 69.0676



13.5556, 13.2445, 16.4941



23.2796, 11.1252, 40.6588



1.5258, 0.7299, 2.6349

Previews

White Background



This preview shows how the XYZ color 58.9599, 67.2234, 62.6912 looks on a white background.

Color Contrast Check

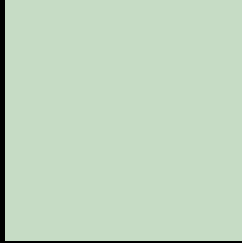
Large Text (above 18pt) WCAG AA × Fail

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 58.9599, 67.2234, 62.6912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

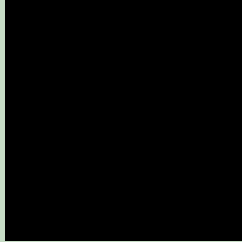
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

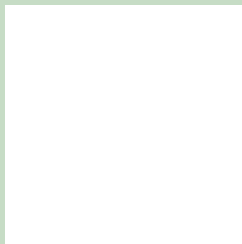
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9599, 67.2234, 62.6912

Background



This preview shows how black text looks on a background with the XYZ color 58.9599, 67.2234, 62.6912.



This preview shows how white text looks on a background with the XYZ color 58.9599, 67.2234,

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

58.9599, 67.2234, 62.6912

Protanopia

63.5441, 66.9684, 60.0291

Deuteranopia

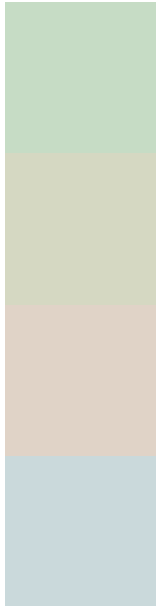
68.0932, 66.6635, 63.9220



Tritanopia

63.7678, 67.2644, 85.9663

Trichromacy



Original Color

58.9599, 67.2234, 62.6912

Protanomaly

61.7340, 67.1529, 60.7470

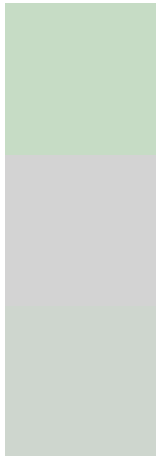
Deuteranomaly

64.3435, 66.5593, 63.4888

Tritanomaly

61.9562, 67.2967, 76.7420

Monochromacy



Original Color

58.9599, 67.2234, 62.6912

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.6407, 65.6712, 67.8722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9599, 67.2234, 62.6912 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(198, 220, 197)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 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(198, 220, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.9599, 67.2234, 62.6912 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(198, 220, 197) }
```


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

```
.border{ border-color:rgb(198, 220, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 220, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 220, 197); box-shadow:4px 4px 4px 4px rgb(198, 220, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9599, 67.2234, 62.6912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 197) }
```

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

```
.background{ background-color: rgb(198,  
220, 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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