

Converting Colors

XYZ(59.0554, 68.0207, 61.7818)

Have a look what the booklet for
XYZ(59.0554, 68.0207, 61.7818)
contains.

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Color

**XYZ(58.9976, 68.0530,
61.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DEC3
RGB	197, 222, 195
RGB Percent	77%, 87%, 76%
CMY	0.2274, 0.1294, 0.2353
CMYK	0.11, 0.00, 0.12, 0.13
HSL	116°, 29%, 82%
HSV	116°, 12%, 87%
XYZ	58.9976, 68.0530, 61.6558
YIQ	211.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

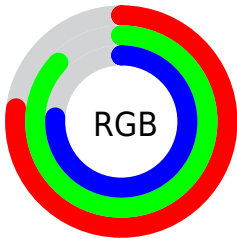
Format	Color
RYB	195, 222, 220
Decimal	12967619
CIELab	86.03, -13.28, 10.46
CIELCh	86, 16.903, 141.788
Yxy	68.0530, 0.3126, 0.3606
Android (android.graphics.Color)	4291157699 (0xFFC5DEC3)
YUV	211.4470, -8.1084, -12.6700
Hunter-Lab	82.4942, -16.7067, 13.4329

Details

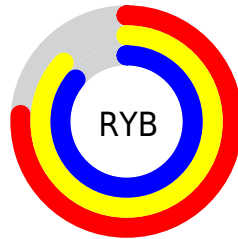
The XYZ color **58.9976, 68.0530, 61.6558** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.2178, 59.5216, 77.3203**, and the grayscale version is **62.2690, 65.5119, 71.3424**.

A 20% lighter version of the original color is **94.2037, 99.6191, 106.3588**, and **29.9541, 35.4002, 30.4535** is the 20% darker color. If you saturate the color by 10%, you get **51.6515, 64.5367, 49.1689**, and if you desaturate by 10%, it is **67.4547, 72.1028, 76.1456**.

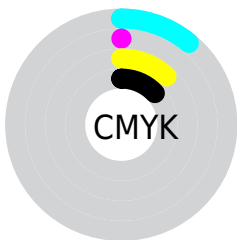
Distribution



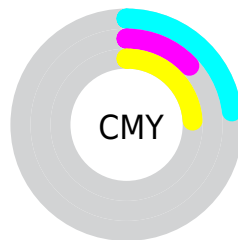
- Red (77%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9976, 68.0530, 61.6558 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 58.9976, 68.0530, 61.6558 by changing the saturation by 10% instead.

■ 58.9976, 68.0530,
61.6558

■ 58.9976, 68.0530,
61.6558

410.7872,
453.6838, 448.6474

■ 42.8575, 49.9409,
44.3206

102.4888,
116.4280, 108.7947

■ 29.9674, 35.3664,
30.5836

130.5707,
147.4596, 139.4355

■ 19.9618, 23.9453,
20.0262

163.3639,
183.5664, 175.3486

■ 12.4754, 15.2930,
12.2298

201.2338,
225.1330, 216.9525

■ 7.1428, 9.0253,
6.7760

244.5457,
272.5436, 264.6658

■ 3.5987, 4.7577,
3.2461

293.6650,

■ 1.4777, 2.1058,

326.1827, 318.9070

1.2216

348.9571,
386.4346, 380.0947

■ 0.3106, 0.6679,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9976, 68.0530,
61.6558

■ 58.9976, 68.0530,
61.6558

■ 51.6515, 64.5367,
49.1689

■ 67.4547, 72.1028,
76.1456

■ 45.3649, 61.5234,
38.5927

■ 77.0605, 76.6980,
92.7163

■ 40.0905, 58.9928,
29.8342

■ 85.4126, 80.7252,
105.6875

■ 35.7753, 56.9196,
22.7912

■ 32.3614, 55.2766,
17.3512

■ 29.7847, 54.0333,
13.3882

■ 27.9726, 53.1554,
10.7576

■ 26.8398, 52.6029,
9.2855

■ 26.3439, 52.3593,
8.7179

Harmonies

Analogous

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



61.9534, 68.0530, 55.9819



58.9976, 68.0530, 61.6558



57.5781, 68.0530, 71.0890

Triad

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



58.9976, 68.0530, 61.6558



63.6229, 68.0530, 97.3122



71.8576, 68.0530, 66.4496

Complementary

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



58.9976, 68.0530, 61.6558



62.2178, 59.5216, 77.3203

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.



72.3482, 68.0530, 77.1910



58.9976, 68.0530, 61.6558



67.4902, 68.0530, 95.7534

Square

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



58.9976, 68.0530, 61.6558



60.1779, 68.0530, 92.1794



70.7210, 68.0530, 88.1110



69.4061, 68.0530, 58.5509

Rectangle

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



58.9976, 68.0530, 61.6558



57.6529, 68.0530, 78.5478



70.7210, 68.0530, 88.1110



72.2611, 68.0530, 69.8198

Sweetspot

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



58.9995, 68.0559, 61.6573



90.0612, 97.6129, 100.3206



65.5051, 70.5283, 61.7916



19.0821, 20.8000, 21.1384



0.0000, 0.0000, 0.0000



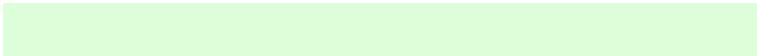
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9995, 68.0559, 61.6573



77.6409, 91.6673, 79.0767



59.8001, 68.3161, 68.5884



13.6223, 15.3855, 14.5585



15.6820, 31.1169, 5.1796



1.1204, 2.1741, 0.3606

Inverse Universe

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



62.2178, 59.5216, 77.3203



83.0040, 77.4436, 105.1811



61.3682, 59.2522, 69.6686



14.1896, 13.8813, 17.3192



22.9194, 10.9107, 41.9463



1.6190, 0.7719, 2.9089

Previews

White Background



This preview shows how the XYZ color 58.9976, 68.0530, 61.6558 looks on a white background.

Color Contrast Check

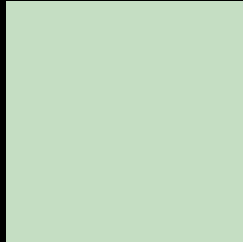
Large Text (above 18pt) WCAG AA × Fail

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 58.9976, 68.0530, 61.6558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

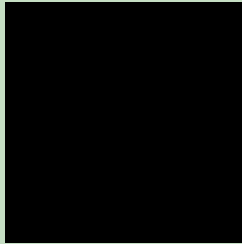
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

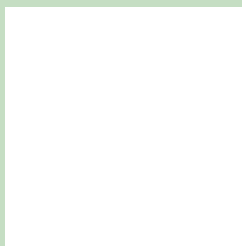
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9976, 68.0530, 61.6558

Background



This preview shows how black text looks on a background with the XYZ color 58.9976, 68.0530, 61.6558.



This preview shows how white text looks on a background with the XYZ color 58.9976, 68.0530,

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

58.9976, 68.0530, 61.6558

Protanopia

64.1910, 67.7020, 58.9748

Deuteranopia

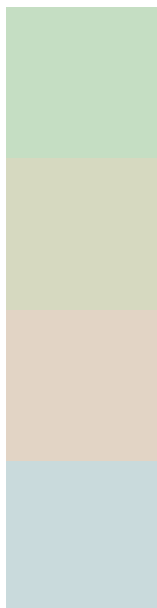
69.1238, 67.5801, 62.8271



Tritanopia

64.0358, 67.7488, 87.5437

Trichromacy



Original Color

58.9976, 68.0530, 61.6558

Protanomaly

62.0588, 67.7276, 59.6711

Deuteranomaly

64.9856, 67.2869, 62.3859

Tritanomaly

62.0771, 67.7276, 77.5111

Monochromacy



Original Color

58.9976, 68.0530, 61.6558

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7735, 66.1305, 67.3190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9976, 68.0530, 61.6558 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(197, 222, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 195)  
}
```

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(197, 222, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.9976, 68.0530, 61.6558 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(197, 222, 195) }
```


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

```
.border{ border-color:rgb(197, 222, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 222, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 222, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 222, 195); box-shadow:4px 4px 4px 4px rgb(197, 222, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9976, 68.0530, 61.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 195) }
```

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

```
.background{ background-color: rgb(197,  
222, 195) }
```

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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