

Converting Colors

XYZ(60.0005, 67.3282, 76.2690)

Have a look what the booklet for
XYZ(60.0005, 67.3282, 76.2690)
contains.

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Color

**XYZ(59.9863, 67.4548,
76.1881)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DCDA
RGB	192, 220, 218
RGB Percent	75%, 86%, 85%
CMY	0.2471, 0.1372, 0.1451
CMYK	0.13, 0.00, 0.01, 0.14
HSL	176°, 29%, 81%
HSV	176°, 13%, 86%
XYZ	59.9863, 67.4548, 76.1881
YIQ	211.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

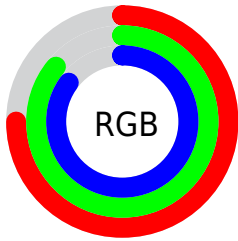
Format	Color
R _{YB}	192, 207, 220
Decimal	12639450
CIE Lab	85.73, -9.62, -2.16
CIE LCh	86, 9.858, 192.631
Yxy	67.4548, 0.2946, 0.3313
Android (android.graphics.Color)	4290829530 (0xFFC0DCDA)
YUV	211.4000, 3.2538, -17.0138
Hunter-Lab	82.1309, -13.3572, 2.4917

Details

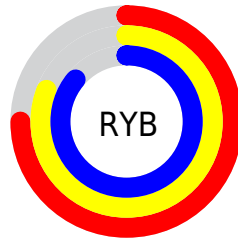
The XYZ color **59.9863, 67.4548, 76.1881** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.1049, 56.8118, 58.9453**, and the grayscale version is **62.1697, 65.4073, 71.2286**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.5472, 34.9579, 39.7879** is the 20% darker color. If you saturate the color by 10%, you get **54.6224, 64.7151, 74.8684**, and if you desaturate by 10%, it is **66.1888, 70.6302, 77.5601**.

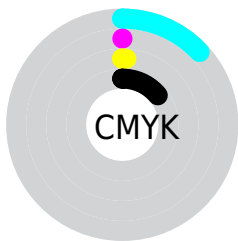
Distribution



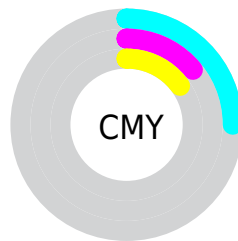
- Red (75%)
- Green (86%)
- Blue (85%)



- Red (75%)
- Yellow (81%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9863, 67.4548, 76.1881 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 59.9863, 67.4548, 76.1881 by changing the saturation by 10% instead.

■ 59.9863, 67.4548,
76.1881

■ 59.9863, 67.4548,
76.1881

414.3828,
451.5619, 501.3553

■ 43.6570, 49.4543,
56.0792

■ 103.9163,
115.5719, 129.7553

■ 30.5977, 34.9800,
39.8620

132.2476,
146.4572, 164.0506

■ 20.4430, 23.6475,
27.1180

165.3104,
182.4063, 203.9119

■ 12.8276, 15.0723,
17.4286

203.4699,
223.8036, 249.7575

■ 7.3861, 8.8702,
10.3754

247.0916,
271.0334, 302.0062

■ 3.7532, 4.6566,
5.5397

296.5407,

■ 1.5635, 2.0472,

324.4801, 361.0763

2.5031

352.1827,
384.5281, 427.3865

■ 0.3684, 0.6347,
0.8418

■ 0.0000, 0.0000,
0.0000

■ 59.9863, 67.4548,
76.1881

■ 59.9863, 67.4548,
76.1881

■ 54.6224, 64.7151,
74.8684

■ 66.1888, 70.6302,
77.5601

■ 50.0543, 62.3836,
73.5947

■ 73.2585, 74.2506,
78.9815

■ 46.2445, 60.4429,
72.3666

■ 80.1164, 77.7616,
80.4033

■ 43.1500, 58.8706,
71.1822

■ 80.3293, 77.8468,
81.5243

40.7234, 57.6424,
70.0391

80.5441, 77.9327,
82.6558

38.9119, 56.7311,
68.9348

80.7610, 78.0195,
83.7977

37.6543, 56.1052,
67.8665

80.9798, 78.1070,
84.9501

36.8772, 55.7267,
66.8308

81.2007, 78.1954,
86.1130

36.5255, 55.5613,
66.0938

81.4235, 78.2845,
87.2864

Harmonies

Analogous

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



60.0749, 67.4548, 69.8116



59.9863, 67.4548, 76.1881



60.9848, 67.4548, 82.1571

Triad

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



59.9863, 67.4548, 76.1881



67.0871, 67.4548, 82.9398



65.4133, 67.4548, 62.2505

Complementary

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



59.9863, 67.4548, 76.1881



58.1049, 56.8118, 58.9453

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.



67.3480, 67.4548, 65.3750



59.9863, 67.4548, 76.1881



68.3298, 67.4548, 77.2060

Square

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



59.9863, 67.4548, 76.1881



65.0639, 67.4548, 86.2055



68.4263, 67.4548, 70.7721



63.1729, 67.4548, 62.0135

Rectangle

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



59.9863, 67.4548, 76.1881



62.1464, 67.4548, 85.0022



68.4263, 67.4548, 70.7721



66.1222, 67.4548, 62.9892

Sweetspot

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



59.9882, 67.4576, 76.1896



91.2792, 98.0696, 108.1115



57.4434, 66.5085, 59.6801



19.3904, 20.9157, 23.1088



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.



59.9882, 67.4576, 76.1896



81.9135, 93.2784, 106.0020



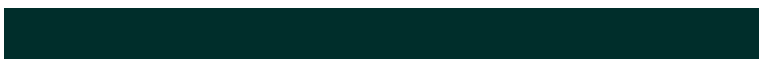
57.2957, 61.6505, 76.5933



13.4026, 14.8127, 16.5828



21.4530, 32.6138, 38.8807



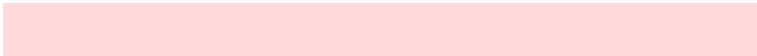
1.4021, 2.1178, 2.5837

Inverse Universe

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



58.1049, 56.8118, 58.9453



78.8388, 75.8970, 77.8483



60.5457, 62.0511, 58.6563



13.0936, 13.0666, 13.7544



17.3910, 8.9575, 1.1733



1.1402, 0.5857, 0.1472

Previews

White Background



This preview shows how the XYZ color 59.9863, 67.4548, 76.1881 looks on a white background.

Color Contrast Check

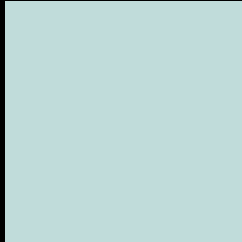
Large Text (above 18pt) WCAG AA × Fail

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 59.9863, 67.4548, 76.1881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

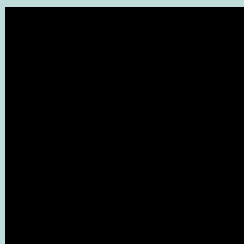
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

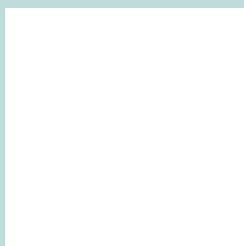
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9863, 67.4548, 76.1881

Background



This preview shows how black text looks on a background with the XYZ color 59.9863, 67.4548, 76.1881.

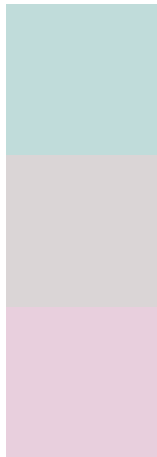


This preview shows how white text looks on a background with the XYZ color 59.9863, 67.4548,

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

59.9863, 67.4548, 76.1881

Protanopia

64.8453, 67.3490, 73.2003

Deuteranopia

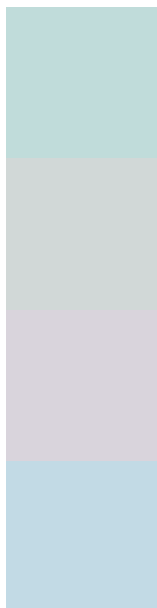
68.6427, 67.0019, 77.7214



Tritanopia

62.3139, 67.2260, 88.2889

Trichromacy



Original Color

59.9863, 67.4548, 76.1881

Protanomaly

63.1161, 67.5733, 74.0064

Deuteranomaly

65.0770, 67.0060, 77.2137

Tritanomaly

61.4624, 67.2693, 83.8736

Monochromacy



Original Color

59.9863, 67.4548, 76.1881

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0860, 65.7855, 73.0966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9863, 67.4548, 76.1881 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(192, 220, 218)` looks like.

```
.text, #text, p{  
    color:rgb(192, 220, 218)  
}
```

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(192, 220, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 220, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.9863, 67.4548, 76.1881 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(192, 220, 218) }
```


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

```
.border{ border-color:rgb(192, 220, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 220, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 220, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 220, 218);  
box-shadow:4px 4px 4px 4px rgb(192, 220,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9863, 67.4548, 76.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 220, 218) }
```

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

```
.background{ background-color: rgb(192,  
220, 218) }
```

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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