

Converting Colors

XYZ(58.9960, 67.3890, 76.1589)

Have a look what the booklet for
XYZ(58.9960, 67.3890, 76.1589)
contains.

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Color

**XYZ(59.0049, 67.3397,
76.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDDDA
RGB	187, 221, 218
RGB Percent	73%, 87%, 85%
CMY	0.2667, 0.1333, 0.1451
CMYK	0.15, 0.00, 0.01, 0.13
HSL	175°, 33%, 80%
HSV	175°, 15%, 87%
XYZ	59.0049, 67.3397, 76.2176
YIQ	210.4920, -19.3010, -8.1410

Conversions

Conversions Part 2

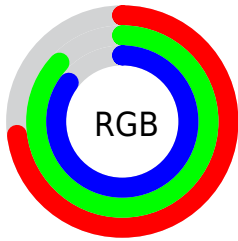
Format	Color
R _{YB}	187, 205, 221
Decimal	12312026
CIE Lab	85.68, -11.72, -2.28
CIE LCh	86, 11.941, 190.999
Yxy	67.3397, 0.2913, 0.3324
Android (android.graphics.Color)	4290502106 (0xFFBBDDDA)
YUV	210.4920, 3.7014, -20.6025
Hunter-Lab	82.0608, -15.2579, 2.3743

Details

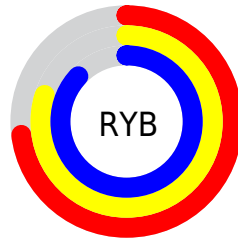
The XYZ color **59.0049, 67.3397, 76.2176** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.8859, 54.6324, 56.2652**, and the grayscale version is **61.5691, 64.7754, 70.5405**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.9199, 34.9033, 39.8104** is the 20% darker color. If you saturate the color by 10%, you get **53.7554, 64.6646, 74.6476**, and if you desaturate by 10%, it is **65.0934, 70.4505, 77.8454**.

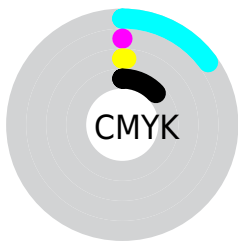
Distribution



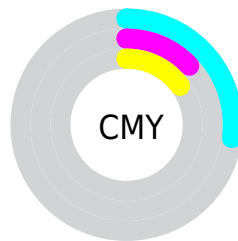
- Red (73%)
- Green (87%)
- Blue (85%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0049, 67.3397, 76.2176 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 59.0049, 67.3397, 76.2176 by changing the saturation by 10% instead.

■ 59.0049, 67.3397,
76.2176

■ 59.0049, 67.3397,
76.2176

410.8138,
451.1530, 501.4589

■ 42.8634, 49.3607,
56.1032

■ 102.4994,
115.4070, 129.7974

■ 29.9720, 34.9057,
39.8811

130.5831,
146.2642, 164.0998

■ 19.9653, 23.5903,
27.1328

163.3783,
182.1829, 203.9687

■ 12.4780, 15.0300,
17.4397

201.2503,
223.5475, 249.8226

■ 7.1446, 8.8404,
10.3832

244.5645,
270.7424, 302.0801

■ 3.5998, 4.6372,
5.5448

293.6863,

■ 1.4783, 2.0360,

324.1520, 361.1596

2.5061

348.9809,
384.1608, 427.4797

■ 0.3110, 0.6283,
0.8434

■ 0.0000, 0.0000,
0.0000

■ 59.0049, 67.3397,
76.2176

■ 59.0049, 67.3397,
76.2176

■ 53.7554, 64.6646,
74.6476

■ 65.0934, 70.4505,
77.8454

■ 49.3011, 62.3973,
73.1291

■ 72.0504, 74.0070,
79.5281

■ 45.6030, 60.5196,
71.6616

■ 79.9115, 78.0292,
81.2690

■ 42.6167, 59.0084,
70.2429

■ 80.7990, 78.4559,
82.6994

■ 40.2930, 57.8384,
68.8707

■ 81.0682, 78.5636,
84.1168

■ 38.5763, 56.9811,
67.5424

■ 81.3404, 78.6725,
85.5503

■ 37.4023, 56.4031,
66.2549

■ 81.6157, 78.7826,
86.9999

■ 36.6918, 56.0638,
65.0043

■ 81.8941, 78.8939,
88.4658

■ 36.4575, 55.9553,
64.4368

■ 82.1755, 79.0065,
89.9479

Harmonies

Analogous

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



59.1840, 67.3397, 68.5507



59.0049, 67.3397, 76.2176



60.1365, 67.3397, 83.5971

Triad

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



59.0049, 67.3397, 76.2176



67.4984, 67.3397, 85.2209



65.7228, 67.3397, 60.0474

Complementary

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



59.0049, 67.3397, 76.2176



56.8859, 54.6324, 56.2652

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.



68.0346, 67.3397, 63.9244



59.0049, 67.3397, 76.2176



69.0796, 67.3397, 78.3087

Square

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



59.0049, 67.3397, 76.2176



65.0078, 67.3397, 89.0348



69.2785, 67.3397, 70.4997



63.0113, 67.3397, 59.5751

Rectangle

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



59.0049, 67.3397, 76.2176



61.5013, 67.3397, 87.2223



69.2785, 67.3397, 70.4997



66.5744, 67.3397, 60.9821

Sweetspot

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



59.0068, 67.3425, 76.2191



90.3330, 97.5892, 107.7356



56.1634, 66.3024, 56.8524



19.1984, 20.8183, 23.0252



0.0000, 0.0000, 0.0000



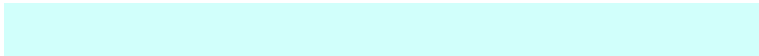
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0068, 67.3425, 76.2191



79.4869, 92.0515, 104.8005



55.9566, 60.6073, 77.1591



13.3927, 14.8087, 16.5308



21.1992, 32.5123, 37.5442



1.3883, 2.1123, 2.5106

Inverse Universe

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



56.8859, 54.6324, 56.2652



76.0948, 71.7219, 72.8864



59.5844, 60.5494, 55.5617



13.1025, 13.0701, 13.8010



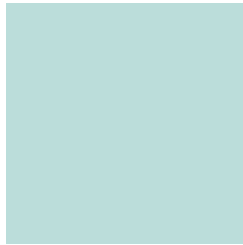
17.4107, 8.9653, 1.2766



1.1444, 0.5874, 0.1695

Previews

White Background



This preview shows how the XYZ color 59.0049, 67.3397, 76.2176 looks on a white background.

Color Contrast Check

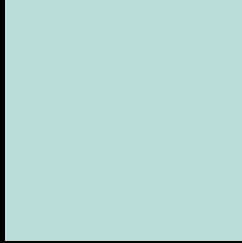
Large Text (above 18pt) WCAG AA × Fail

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 59.0049, 67.3397, 76.2176 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

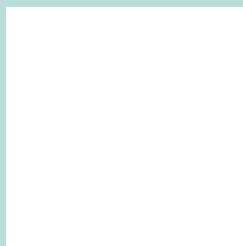
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0049, 67.3397, 76.2176

Background



This preview shows how black text looks on a background with the XYZ color 59.0049, 67.3397, 76.2176.

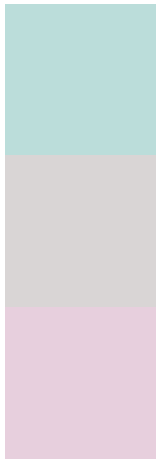


This preview shows how white text looks on a background with the XYZ color 59.0049, 67.3397,

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

59.0049, 67.3397, 76.2176

Protanopia

64.4198, 67.1443, 72.5157

Deuteranopia

68.3190, 66.8350, 77.7063



Tritanopia

61.4469, 67.1461, 89.0788

Trichromacy



Original Color

59.0049, 67.3397, 76.2176

Protanomaly

62.2752, 67.1398, 73.9670

Deuteranomaly

64.4861, 66.7013, 77.1860

Tritanomaly

60.4606, 67.1390, 83.9012

Monochromacy



Original Color

59.0049, 67.3397, 76.2176

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.4139, 65.4538, 72.4005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0049, 67.3397, 76.2176 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(187, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 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(187, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.0049, 67.3397, 76.2176 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(187, 221, 218) }
```


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

```
.border{ border-color:rgb(187, 221, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(187, 221,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0049, 67.3397, 76.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 218) }
```

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

```
.background{ background-color: rgb(187,  
221, 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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