

Converting Colors

XYZ(58.0584, 67.3658, 68.1047)

Have a look what the booklet for
XYZ(58.0584, 67.3658, 68.1047)
contains.

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Color

**XYZ(58.2481, 67.5176,
68.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDECE
RGB	189, 222, 206
RGB Percent	74%, 87%, 81%
CMY	0.2588, 0.1294, 0.1922
CMYK	0.15, 0.00, 0.07, 0.13
HSL	151°, 33%, 81%
HSV	151°, 15%, 87%
XYZ	58.2481, 67.5176, 68.3547
YIQ	210.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

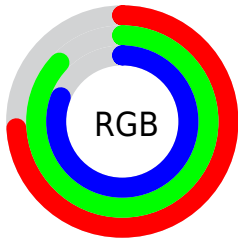
Format	Color
RYB	189, 211, 222
Decimal	12443342
CIELab	85.76, -13.94, 4.21
CIELCh	86, 14.559, 163.211
Yxy	67.5176, 0.3001, 0.3478
Android (android.graphics.Color)	4290633422 (0xFFBDDECE)
YUV	210.3090, -2.1243, -18.6880
Hunter-Lab	82.1691, -17.2607, 8.1963

Details

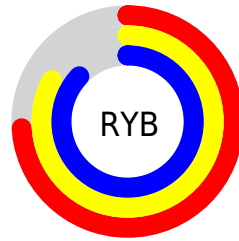
The XYZ color **58.2481, 67.5176, 68.3547** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.3436, 56.3342, 65.5065**, and the grayscale version is **61.4835, 64.6854, 70.4424**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.4779, 35.0553, 34.9185** is the 20% darker color. If you saturate the color by 10%, you get **51.8940, 64.3898, 61.4635**, and if you desaturate by 10%, it is **65.5385, 71.1215, 75.7601**.

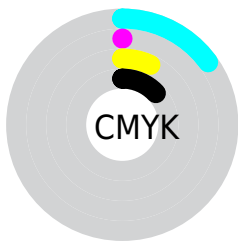
Distribution



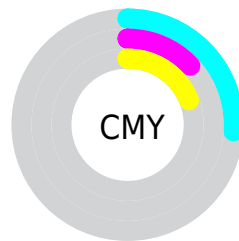
- Red (74%)
- Green (87%)
- Blue (81%)



- Red (74%)
- Yellow (83%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)




- Cyan (26%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2481, 67.5176, 68.3547 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 58.2481, 67.5176, 68.3547 by changing the saturation by 10% instead.


 58.2481, 67.5176,
68.3547

 58.2481, 67.5176,
68.3547

408.0487,
451.7850, 473.3839

 42.2522, 49.5054,
49.7179


 101.4050,
115.6618, 118.5184

 29.4908, 35.0205,
34.8197


129.2966,
146.5625, 150.8824

 19.5985, 23.6787,
23.2416


161.8842,
182.5282, 188.6592

 12.2101, 15.0955,
14.5650

199.5331,
223.9433, 232.2673

 6.9602, 8.8864,
8.3714

242.6086,
271.1921, 282.1253

 3.4833, 4.6672,
4.2424


291.4762,

 1.4142, 2.0533,


324.6590, 338.6517


1.7592


346.5011,
384.7285, 402.2650


 0.2663, 0.6382,
0.4009


 0.0000, 0.0000,
0.0000


 58.2481, 67.5176,
68.3547


 58.2481, 67.5176,
68.3547


 51.8940, 64.3898,
61.4635


 65.5385, 71.1215,
75.7601


 46.4306, 61.7091,
55.0710

 73.7970, 75.2120,
83.6861

 41.8168, 59.4565,
49.1669

 82.8388, 79.6956,
92.1342

 38.0058, 57.6081,
43.7393

 84.4710, 80.3485,
100.7295

■ 34.9464, 56.1376,
38.7755

■ 85.4126, 80.7251,
105.6875

■ 32.5806, 55.0154,
34.2621

■ 30.8419, 54.2075,
30.1850

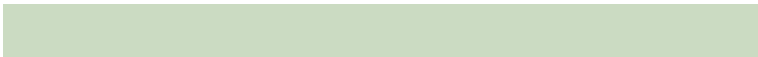
■ 29.6489, 53.6722,
26.5289

■ 29.1801, 53.4681,
24.8082

Harmonies

Analogous

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



59.8969, 67.5176, 60.9673



58.2481, 67.5176, 68.3547



58.1513, 67.5176, 77.7773

Triad

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



58.2481, 67.5176, 68.3547



65.6449, 67.5176, 92.8096



68.9444, 67.5176, 61.6834

Complementary

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



58.2481, 67.5176, 68.3547



59.3436, 56.3342, 65.5065

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.



70.5976, 67.5176, 69.4117



58.2481, 67.5176, 68.3547



68.6488, 67.5176, 87.6764

Square

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



58.2481, 67.5176, 68.3547



62.3453, 67.5176, 92.4645



70.4876, 67.5176, 78.9291



66.0370, 67.5176, 57.3496

Rectangle

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



58.2481, 67.5176, 68.3547



58.9742, 67.5176, 84.0013



70.4876, 67.5176, 78.9291



69.6696, 67.5176, 63.9402

Sweetspot

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



58.2500, 67.5204, 68.3562



90.6102, 97.8020, 104.5889



60.6239, 68.9701, 58.2624



19.2208, 20.8478, 22.2156



0.0000, 0.0000, 0.0000



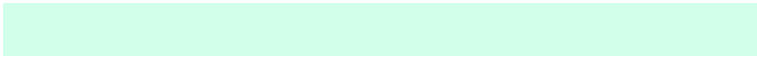
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2500, 67.5204, 68.3562



76.7541, 90.9584, 90.4099



60.2947, 68.3383, 79.1234



13.8221, 15.4546, 16.0982



17.3880, 31.7801, 15.0323



1.2505, 2.2209, 1.2800

Inverse Universe

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



59.3436, 56.3342, 65.5065



78.5393, 72.6997, 85.7588



57.5091, 55.6004, 55.8459



13.9828, 13.8107, 15.6794



19.5455, 9.8852, 9.5385



1.3999, 0.7032, 0.8987

Previews

White Background



This preview shows how the XYZ color 58.2481, 67.5176, 68.3547 looks on a white background.

Color Contrast Check

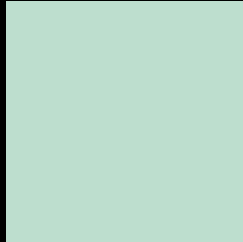
Large Text (above 18pt) WCAG AA × Fail

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 58.2481, 67.5176, 68.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

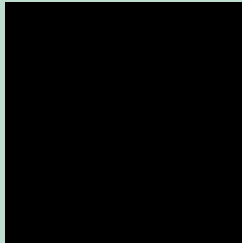
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

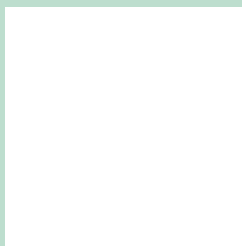
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2481, 67.5176, 68.3547

Background



This preview shows how black text looks on a background with the XYZ color 58.2481, 67.5176, 68.3547.



This preview shows how white text looks on a background with the XYZ color 58.2481, 67.5176,

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
58.2481, 67.5176, 68.3547
Protanopia
64.1557, 67.1777, 64.8436
Deuteranopia
68.4135, 67.0620, 69.6601



Tritanopia

62.3149, 67.6103, 88.3630

Trichromacy



Original Color

58.2481, 67.5176, 68.3547

Protanomaly

61.6299, 66.9788, 66.1799

Deuteranomaly

64.1421, 66.7011, 69.1685

Tritanomaly

60.5243, 67.2513, 80.3118

Monochromacy



Original Color

58.2481, 67.5176, 68.3547

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.9123, 65.2531, 69.7590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2481, 67.5176, 68.3547 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(189, 222, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 222, 206)  
}
```

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(189, 222, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 222, 206) }
```

Border

The CSS property to change the border of an element to XYZ 58.2481, 67.5176, 68.3547 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(189, 222, 206) }
```


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

```
.border{ border-color:rgb(189, 222, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 222, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 222, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 222, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 222,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2481, 67.5176, 68.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 222, 206) }
```

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

```
.background{ background-color: rgb(189,  
222, 206) }
```

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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