

Converting Colors

XYZ(58.0545, 67.3363, 56.8667)

Have a look what the booklet for
XYZ(58.0545, 67.3363, 56.8667)
contains.

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Color

**XYZ(58.1148, 67.3065,
56.9422)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DDBB
RGB	198, 221, 187
RGB Percent	78%, 87%, 73%
CMY	0.2235, 0.1333, 0.2667
CMYK	0.10, 0.00, 0.15, 0.13
HSL	101°, 33%, 80%
HSV	101°, 15%, 87%
XYZ	58.1148, 67.3065, 56.9422
YIQ	210.2470, -2.7940, -15.4500

Conversions

Conversions Part 2

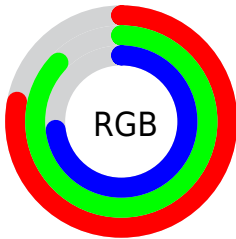
Format	Color
RYB	187, 221, 210
Decimal	13032891
CIELab	85.66, -13.81, 14.14
CIELCh	86, 19.761, 134.316
Yxy	67.3065, 0.3187, 0.3691
Android (android.graphics.Color)	4291222971 (0xFFC6DDBB)
YUV	210.2470, -11.4608, -10.7406
Hunter-Lab	82.0405, -17.1275, 16.2767

Details

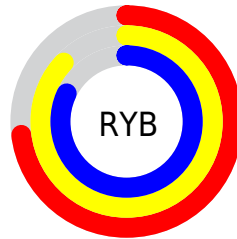
The XYZ color **58.1148, 67.3065, 56.9422** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.4025, 54.4646, 75.8974**, and the grayscale version is **61.4966, 64.6992, 70.4575**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **29.4409, 34.9230, 27.7434** is the 20% darker color. If you saturate the color by 10%, you get **52.1806, 64.5019, 45.2501**, and if you desaturate by 10%, it is **64.8059, 70.4631, 70.5731**.

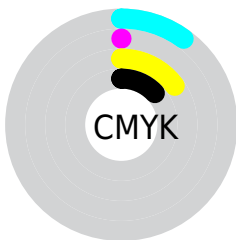
Distribution



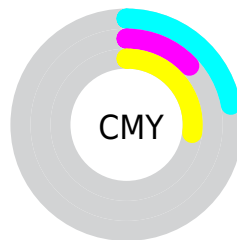
- Red (78%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)





- Cyan (22%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1148, 67.3065, 56.9422 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 58.1148, 67.3065, 56.9422 by changing the saturation by 10% instead.


 58.1148, 67.3065,
56.9422

 58.1148, 67.3065,
56.9422


407.5605,
451.0350, 430.7204

 42.1446, 49.3338,
40.5498


 101.2120,
115.3595, 101.8803

 29.4061, 34.8843,
27.6504


129.0697,
146.2085, 131.2632

 19.5341, 23.5738,
17.8256


161.6206,
182.1184, 165.8132

 12.1631, 15.0177,
10.6567

199.2301,
223.4736, 205.9489

 6.9278, 8.8318,
5.7252

242.2634,
270.6585, 252.0890

 3.4629, 4.6317,
2.6127

291.0861,


 1.4030, 2.0328,


324.0574, 304.6519


0.8990


346.0633,
384.0547, 364.0562


 0.2584, 0.6264,
0.0000

 0.0000, 0.0000,
0.0000

 58.1148, 67.3065,
56.9422


 58.1148, 67.3065,
56.9422

 52.1806, 64.5019,
45.2501


 64.8059, 70.4631,
70.5731


 46.9700, 62.0283,
35.4046

 72.2747, 73.9748,
86.2209

 42.4552, 59.8753,
27.3124

 80.5480, 77.8557,
103.9644

 38.6044, 58.0287,
20.8703

 85.1478, 80.1955,
105.5993

■ 35.3830, 56.4733,
15.9644

■ 32.7530, 55.1922,
12.4662

■ 30.6714, 54.1665,
10.2265

■ 29.0876, 53.3741,
9.0620

■ 28.4924, 53.0738,
8.7426

Harmonies

Analogous

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



61.8565, 67.3065, 51.7959



58.1148, 67.3065, 56.9422



55.9966, 67.3065, 66.7866

Triad

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



58.1148, 67.3065, 56.9422



61.6615, 67.3065, 99.8339



72.7309, 67.3065, 67.3255

Complementary

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



58.1148, 67.3065, 56.9422



57.4025, 54.4646, 75.8974

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.



72.6726, 67.3065, 80.1925



58.1148, 67.3065, 56.9422



66.1369, 67.3065, 100.0223

Square

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



58.1148, 67.3065, 56.9422



57.9778, 67.3065, 92.0018



70.2118, 67.3065, 92.4898



70.3674, 67.3065, 57.2967

Rectangle

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



58.1148, 67.3065, 56.9422



55.7246, 67.3065, 75.1665



70.2118, 67.3065, 92.4898



72.9972, 67.3065, 71.4358

Sweetspot

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



58.1166, 67.3094, 56.9437



89.9621, 97.6064, 98.2998



61.7555, 64.8916, 56.2852



19.1073, 20.8220, 20.7336



0.0000, 0.0000, 0.0000



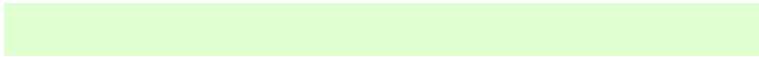
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1166, 67.3094, 56.9437



78.0053, 91.9673, 74.0267



55.9405, 66.1161, 60.0720



13.2812, 14.8097, 13.8841



16.6564, 30.8842, 5.0834



1.1676, 2.0465, 0.3335

Inverse Universe

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



57.4025, 54.4646, 75.8974



76.8619, 71.4219, 104.3425



59.9002, 55.8380, 72.1385



13.1836, 13.0528, 16.4767



14.9593, 6.8360, 40.2694



1.0578, 0.4886, 2.6130

Previews

White Background



This preview shows how the XYZ color 58.1148, 67.3065, 56.9422 looks on a white background.

Color Contrast Check

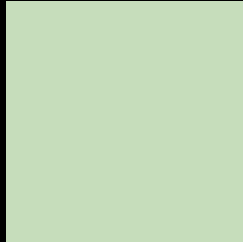
Large Text (above 18pt) WCAG AA × Fail

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 58.1148, 67.3065, 56.9422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

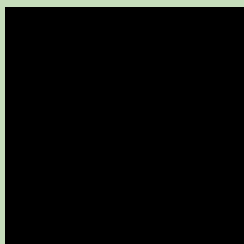
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

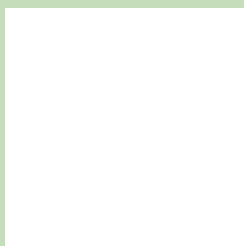
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1148, 67.3065, 56.9422

Background



This preview shows how black text looks on a background with the XYZ color 58.1148, 67.3065, 56.9422.



This preview shows how white text looks on a background with the XYZ color 58.1148, 67.3065,

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

58.1148, 67.3065, 56.9422

Protanopia

63.3928, 67.0149, 54.3938

Deuteranopia

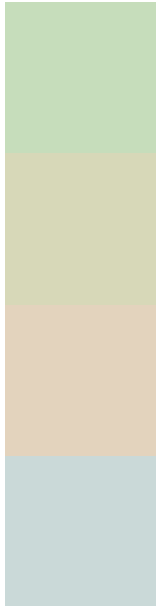
68.3277, 66.9150, 58.0298



Tritanopia

64.0428, 67.4062, 85.9792

Trichromacy



Original Color

58.1148, 67.3065, 56.9422

Protanomaly

61.2319, 67.0195, 55.0562

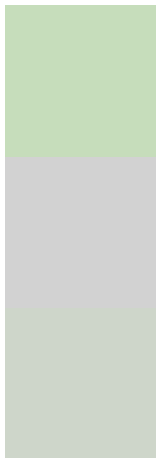
Deuteranomaly

64.1581, 66.5935, 57.6165

Tritanomaly

61.5646, 67.1401, 74.6803

Monochromacy



Original Color

58.1148, 67.3065, 56.9422

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.1608, 65.4792, 65.3451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1148, 67.3065, 56.9422 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, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(198, 221, 187)  
}
```

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, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 221, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.1148, 67.3065, 56.9422 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, 221, 187) }
```


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

```
.border{ border-color:rgb(198, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 221,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1148, 67.3065, 56.9422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 221, 187) }
```

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

```
.background{ background-color: rgb(198,  
221, 187) }
```

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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