

Converting Colors

XYZ(58.3367, 69.4782, 59.8552)

Have a look what the booklet for
XYZ(58.3367, 69.4782, 59.8552)
contains.

XYZ(58.0862, 69.2307, 59.5916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.0862, 69.2307,
59.5916)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE2BF
RGB	191, 226, 191
RGB Percent	75%, 89%, 75%
CMY	0.2510, 0.1137, 0.2510
CMYK	0.15, 0.00, 0.15, 0.11
HSL	120°, 38%, 82%
HSV	120°, 15%, 89%
XYZ	58.0862, 69.2307, 59.5916
YIQ	211.5450, -9.6250, -18.3050

Conversions

Conversions Part 2

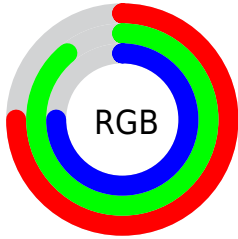
Format	Color
RYB	191, 226, 226
Decimal	12575423
CIELab	86.62, -18.01, 13.33
CIElCh	87, 22.409, 143.491
Yxy	69.2307, 0.3108, 0.3704
Android (android.graphics.Color)	4290765503 (0xFFBFE2BF)
YUV	211.5450, -10.1287, -18.0180
Hunter-Lab	83.2050, -20.9962, 15.7799

Details

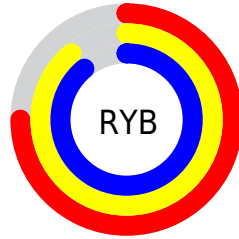
The XYZ color **58.0862, 69.2307, 59.5916** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.7248, 58.9230, 79.9694**, and the grayscale version is **62.3486, 65.5955, 71.4335**.

A 20% lighter version of the original color is **91.2599, 98.1919, 102.1387**, and **29.4669, 36.2792, 29.4943** is the 20% darker color. If you saturate the color by 10%, you get **50.5370, 65.6065, 47.2420**, and if you desaturate by 10%, it is **66.9000, 73.4665, 74.0066**.

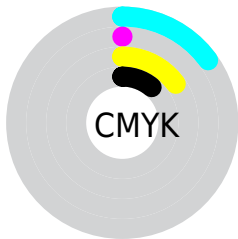
Distribution



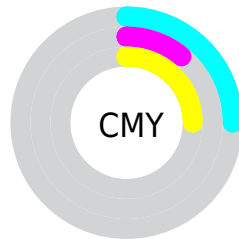
- Red (75%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0862, 69.2307, 59.5916 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 58.0862, 69.2307, 59.5916 by changing the saturation by 10% instead.

■ 58.0862, 69.2307,
59.5916

■ 58.0862, 69.2307,
59.5916

407.4557,
457.8442, 440.8536

■ 42.1215, 50.8996,
42.6664

■ 101.1706,
118.1110, 105.7746

■ 29.3880, 36.1287,
29.2940

129.0210,
149.4291, 135.8694

■ 19.5203, 24.5336,
19.0558

161.5641,
185.8449, 171.1912

■ 12.1530, 15.7299,
11.5334

199.1650,
227.7428, 212.1585

■ 6.9209, 9.3333,
6.3082

242.1893,
275.5073, 259.1899

■ 3.4586, 4.9592,
2.9616

291.0023,

■ 1.4007, 2.2233,

329.5228, 312.7038

1.0750

345.9693,
390.1736, 373.1188

■ 0.2567, 0.7327,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0862, 69.2307,
59.5916

■ 58.0862, 69.2307,
59.5916

■ 50.5370, 65.6065,
47.2420

■ 66.9000, 73.4665,
74.0066

■ 44.1892, 62.5573,
36.8590

■ 77.0267, 78.3309,
90.5706

■ 38.9825, 60.0563,
28.3425

■ 86.4877, 82.8755,
106.0459

■ 34.8493, 58.0709,
21.5818

■ 31.7147, 56.5652,
16.4546

■ 29.4944, 55.4987,
12.8228

■ 28.0902, 54.8241,
10.5259

■ 27.3813, 54.4836,
9.3662

■ 27.1977, 54.3955,
9.0660

Harmonies

Analogous

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



61.8953, 69.2307, 52.0453



58.0862, 69.2307, 59.5916



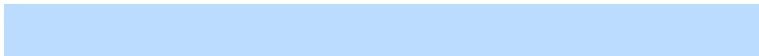
56.3570, 69.2307, 72.1799

Triad

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



58.0862, 69.2307, 59.5916



64.6744, 69.2307, 107.5691



75.4066, 69.2307, 64.5304

Complementary

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



58.0862, 69.2307, 59.5916



63.7248, 58.9230, 79.9694

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.



76.2468, 69.2307, 78.6743



58.0862, 69.2307, 59.5916



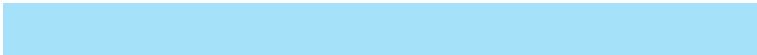
69.8691, 69.2307, 104.8183

Square

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



58.0862, 69.2307, 59.5916



60.0291, 69.2307, 100.8249



74.1719, 69.2307, 93.7375



71.9330, 69.2307, 54.6232

Rectangle

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



58.0862, 69.2307, 59.5916



56.5479, 69.2307, 82.2617



74.1719, 69.2307, 93.7375



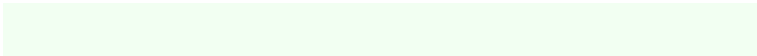
76.0137, 69.2307, 68.8941

Sweetspot

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



58.0881, 69.2336, 59.5931



88.5284, 96.8674, 98.2329



67.9674, 74.3267, 60.0552



18.7601, 20.6430, 20.7174



0.0000, 0.0000, 0.0000



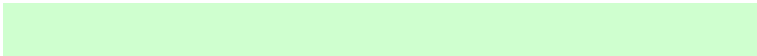
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0881, 69.2336, 59.5931



72.5742, 89.2037, 72.1369



60.1311, 70.0509, 70.3515



13.5288, 15.3373, 14.5542



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



63.7248, 58.9230, 79.9694



81.4938, 72.8879, 104.3807



61.4439, 58.0106, 67.9583



14.2951, 13.9357, 17.3241



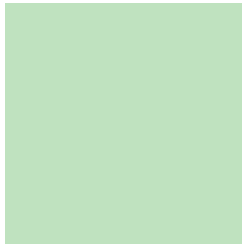
25.7245, 12.3568, 42.0762



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 58.0862, 69.2307, 59.5916 looks on a white background.

Color Contrast Check

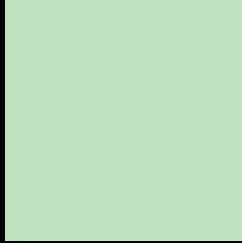
Large Text (above 18pt) WCAG AA × Fail

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 58.0862, 69.2307, 59.5916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

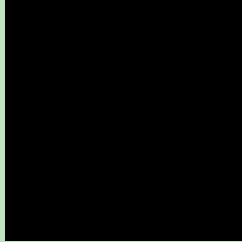
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

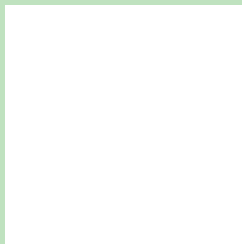
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0862, 69.2307, 59.5916

Background



This preview shows how black text looks on a background with the XYZ color 58.0862, 69.2307, 59.5916.

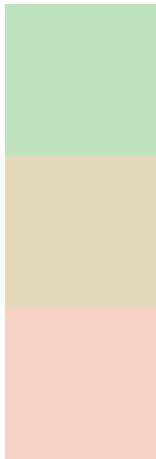


This preview shows how white text looks on a background with the XYZ color 58.0862, 69.2307,

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

58.0862, 69.2307, 59.5916

Protanopia

65.0973, 68.9878, 56.3394

Deuteranopia

70.3070, 68.9535, 61.2335



Tritanopia

64.4324, 69.4429, 90.1286

Trichromacy



Original Color

58.0862, 69.2307, 59.5916

Protanomaly

62.4019, 69.1134, 57.6282

Deuteranomaly

65.0894, 68.5035, 60.8309

Tritanomaly

61.8045, 69.1456, 77.7991

Monochromacy



Original Color

58.0862, 69.2307, 59.5916

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.6138, 66.8227, 66.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0862, 69.2307, 59.5916 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(191, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 226, 191)  
}
```

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(191, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 226, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.0862, 69.2307, 59.5916 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(191, 226, 191) }
```


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

```
.border{ border-color:rgb(191, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 226,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0862, 69.2307, 59.5916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 226, 191) }
```

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

```
.background{ background-color: rgb(191,  
226, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor