

Converting Colors

XYZ(59.3151, 66.3611, 82.3196)

Have a look what the booklet for
XYZ(59.3151, 66.3611, 82.3196)
contains.

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Color

**XYZ(59.1862, 66.1280,
82.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	BADAE3
RGB	186, 218, 227
RGB Percent	73%, 85%, 89%
CMY	0.2706, 0.1451, 0.1098
CMYK	0.18, 0.04, 0.00, 0.11
HSL	193°, 42%, 81%
HSV	193°, 18%, 89%
XYZ	59.1862, 66.1280, 82.3176
YIQ	209.4580, -21.9610, -3.9850

Conversions

Conversions Part 2

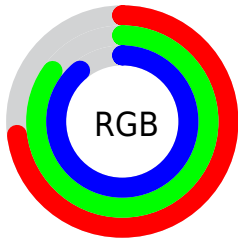
Format	Color
RYB	186, 204, 227
Decimal	12245731
CIELab	85.06, -8.64, -7.95
CIELCh	85, 11.743, 222.626
Yxy	66.1280, 0.2851, 0.3185
Android (android.graphics.Color)	4290435811 (0xFFBADA E3)
YUV	209.4580, 8.6482, -20.5727
Hunter-Lab	81.3191, -12.3915, -3.0946

Details

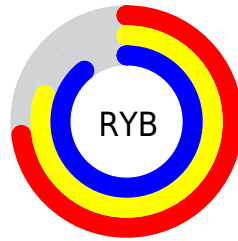
The XYZ color **59.1862, 66.1280, 82.3176** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.0570, 58.9061, 54.6602**, and the grayscale version is **60.8605, 64.0300, 69.7287**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.0593, 34.0785, 44.0232** is the 20% darker color. If you saturate the color by 10%, you get **52.8316, 60.9648, 81.6570**, and if you desaturate by 10%, it is **66.4596, 71.8259, 83.0351**.

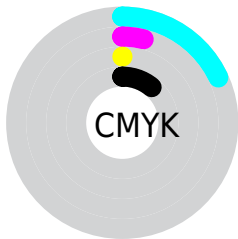
Distribution



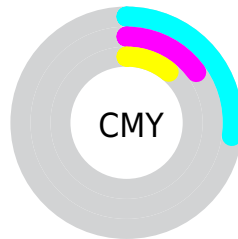
- Red (73%)
- Green (85%)
- Blue (89%)



- Red (73%)
- Yellow (80%)
- Blue (89%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1862, 66.1280, 82.3176 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 59.1862, 66.1280, 82.3176 by changing the saturation by 10% instead.

■ 59.1862, 66.1280,
82.3176

■ 59.1862, 66.1280,
82.3176

411.4746,
446.8345, 522.6207

■ 43.0100, 48.3763,
61.0900

■ 102.7613,
113.6700, 138.4600

■ 30.0875, 34.1250,
43.8668

130.8909,
144.2292, 174.2118

■ 20.0534, 22.9896,
30.2294

163.7357,
179.8262, 215.6422

■ 12.5424, 14.5859,
19.7592

201.6610,
220.8456, 263.1697

■ 7.1890, 8.5293,
12.0378

245.0322,
267.6718, 317.2127

■ 3.6280, 4.4354,
6.6466

294.2146,

■ 1.4939, 1.9200,

320.6890, 378.1899

3.1670

349.5736,
380.2818, 446.5197

■ 0.3217, 0.5604,
1.1805

■ 0.0000, 0.0000,
0.0000

■ 59.1862, 66.1280,
82.3176

■ 59.1862, 66.1280,
82.3176

■ 52.8316, 60.9648,
81.6570

■ 66.4596, 71.8259,
83.0351

■ 47.3484, 56.3063,
81.0468

■ 74.6847, 78.0709,
83.8070

■ 42.6935, 52.1314,
80.4863

■ 83.9002, 84.8850,
84.6366

■ 38.8179, 48.4144,
79.9731

■ 85.6594, 87.9143,
85.1286

■ 35.6671, 45.1266,
79.5046

■ 87.1293, 90.8541,
85.6185

■ 33.1792, 42.2357,
79.0777

■ 88.6396, 93.8747,
86.1220

■ 31.2815, 39.7035,
78.6890

■ 90.1907, 96.9769,
86.6390

■ 29.8716, 37.4768,
78.3335

■ 90.8653, 98.3261,
86.8639

■ 29.6248, 37.0650,
78.2670

Harmonies

Analogous

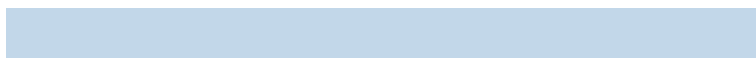
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.0218, 66.1280, 75.2313



59.1862, 66.1280, 82.3176



61.3470, 66.1280, 86.8086

Triad

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



59.1862, 66.1280, 82.3176



67.8298, 66.1280, 76.4374



61.7481, 66.1280, 58.7101

Complementary

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



59.1862, 66.1280, 82.3176



60.0570, 58.9061, 54.6602

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.



64.3828, 66.1280, 58.9830



59.1862, 66.1280, 82.3176



67.9446, 66.1280, 68.8667

Square

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



59.1862, 66.1280, 82.3176



66.3583, 66.1280, 83.2537



66.6675, 66.1280, 62.5866



59.4728, 66.1280, 61.8130

Rectangle

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



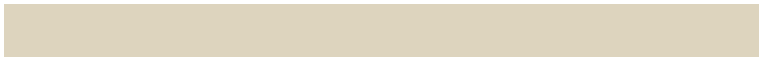
59.1862, 66.1280, 82.3176



63.0858, 66.1280, 87.5458



66.6675, 66.1280, 62.5866



62.6201, 66.1280, 58.4167

Sweetspot

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



59.1881, 66.1307, 82.3191



89.6278, 95.8894, 108.3924



57.5570, 69.3133, 61.9070



19.0264, 20.4038, 23.1855



0.0000, 0.0000, 0.0000



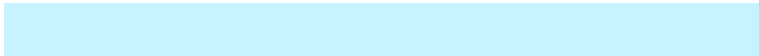
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1881, 66.1307, 82.3191



73.5344, 83.2640, 106.8036



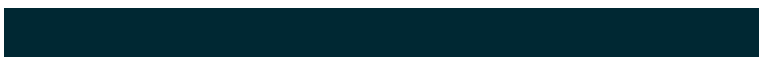
54.2225, 56.1995, 80.6639



14.5251, 15.7715, 18.4230



17.3667, 21.7955, 45.6748



1.3499, 1.7437, 3.3974

Inverse Universe

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



61.8939, 56.5120, 73.9786



77.7712, 68.5132, 93.6738



64.9408, 68.6736, 56.2881



14.8526, 14.5582, 17.4242



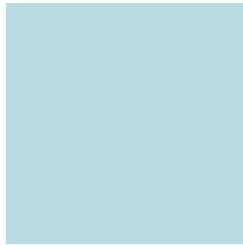
23.1594, 11.3980, 25.5322



1.7450, 0.8557, 2.0637

Previews

White Background



This preview shows how the XYZ color 59.1862, 66.1280, 82.3176 looks on a white background.

Color Contrast Check

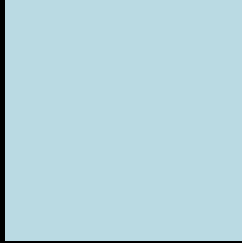
Large Text (above 18pt) WCAG AA × Fail

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 59.1862, 66.1280, 82.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

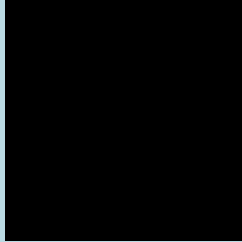
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1862, 66.1280, 82.3176

Background



This preview shows how black text looks on a background with the XYZ color 59.1862, 66.1280, 82.3176.

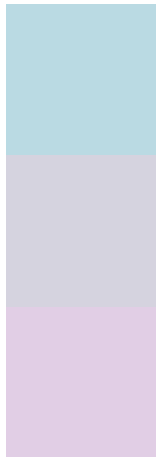


This preview shows how white text looks on a background with the XYZ color 59.1862, 66.1280,

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

59.1862, 66.1280, 82.3176

Protanopia

64.0541, 66.0624, 79.1873

Deuteranopia

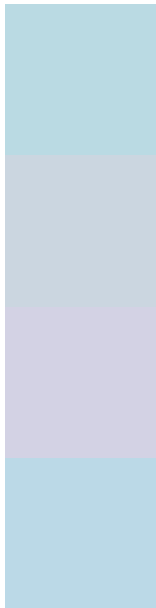
67.2655, 65.8073, 83.2855



Tritanopia

60.1577, 66.1310, 87.4358

Trichromacy



Original Color

59.1862, 66.1280, 82.3176

Protanomaly

62.1297, 66.1715, 80.0188

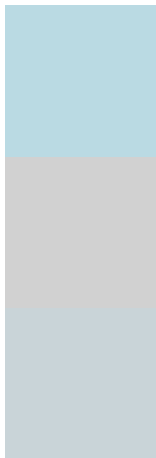
Deuteranomaly

63.9142, 65.5435, 82.6813

Tritanomaly

59.7302, 65.9600, 85.1847

Monochromacy



Original Color

59.1862, 66.1280, 82.3176

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.0255, 64.4623, 74.2445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1862, 66.1280, 82.3176 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(186, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(186, 218, 227)  
}
```

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(186, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 218, 227) }
```

Border

The CSS property to change the border of an element to XYZ 59.1862, 66.1280, 82.3176 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(186, 218, 227) }
```


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

```
.border{ border-color:rgb(186, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(186, 218,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1862, 66.1280, 82.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 218, 227) }
```

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

```
.background{ background-color: rgb(186,  
218, 227) }
```

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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