

Converting Colors

XYZ(58.5104, 66.3072, 82.5490)

Have a look what the booklet for
XYZ(58.5104, 66.3072, 82.5490)
contains.

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Color

**XYZ(58.4880, 66.1542,
82.3594)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DBE3
RGB	182, 219, 227
RGB Percent	71%, 86%, 89%
CMY	0.2863, 0.1412, 0.1098
CMYK	0.20, 0.04, 0.00, 0.11
HSL	191°, 45%, 80%
HSV	191°, 20%, 89%
XYZ	58.4880, 66.1542, 82.3594
YIQ	208.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

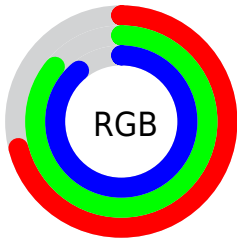
Format	Color
RYB	182, 202, 227
Decimal	11983843
CIELab	85.08, -10.38, -7.96
CIELCh	85, 13.084, 217.475
Yxy	66.1542, 0.2825, 0.3196
Android (android.graphics.Color)	4290173923 (0xFFB6DBE3)
YUV	208.8490, 8.9484, -23.5466
Hunter-Lab	81.3352, -13.9777, -3.1019

Details

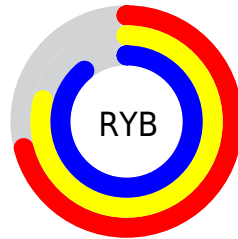
The XYZ color **58.4880, 66.1542, 82.3594** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.5359, 56.5351, 52.0843**, and the grayscale version is **60.4625, 63.6112, 69.2726**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **29.6239, 34.1187, 44.0539** is the 20% darker color. If you saturate the color by 10%, you get **52.5163, 61.5339, 81.7834**, and if you desaturate by 10%, it is **65.3581, 71.2790, 82.9876**.

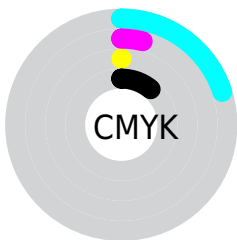
Distribution



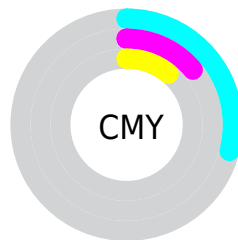
- Red (71%)
- Green (86%)
- Blue (89%)



- Red (71%)
- Yellow (79%)
- Blue (89%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4880, 66.1542, 82.3594 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 58.4880, 66.1542, 82.3594 by changing the saturation by 10% instead.

■ 58.4880, 66.1542,
82.3594

■ 58.4880, 66.1542,
82.3594

408.9265,
446.9282, 522.7640

■ 42.4459, 48.3976,
61.1243

■ 101.7520,
113.7076, 138.5191

■ 29.6432, 34.1419,
43.8943

129.7047,
144.2732, 174.2807

■ 19.7147, 23.0026,
30.2508

162.3582,
179.8773, 215.7217

■ 12.2949, 14.5954,
19.7754

200.0780,
220.9042, 263.2604

■ 7.0184, 8.5359,
12.0494

243.2293,
267.7383, 317.3154

■ 3.5201, 4.4398,
6.6544

292.1776,

■ 1.4344, 1.9225,

320.7641, 378.3054

3.1718

347.2882,
380.3659, 446.6487

■ 0.2805, 0.5618,
1.1830

■ 0.0000, 0.0000,
0.0000

■ 58.4880, 66.1542,
82.3594

■ 58.4880, 66.1542,
82.3594

■ 52.5163, 61.5339,
81.7834

■ 65.3581, 71.2790,
82.9876

■ 47.3952, 57.3879,
81.2531


■ 73.1599, 76.9205,
83.6653


■ 43.0812, 53.6954,
80.7677


■ 81.9322, 83.1007,
84.3958


■ 39.5245, 50.4303,
80.3249


■ 84.8540, 86.3034,
84.8600


 36.6697, 47.5639,
79.9221


 86.0230, 88.6415,
85.2497


 34.4535, 45.0632,
79.5563


 87.2185, 91.0324,
85.6482


 32.8009, 42.8893,
79.2237

 88.4404, 93.4763,
86.0555

 31.5839, 40.9759,
78.9186

 89.6891, 95.9736,
86.4717

 31.5638, 40.9431,
78.9133

 90.8653, 98.3261,
86.8638

Harmonies

Analogous

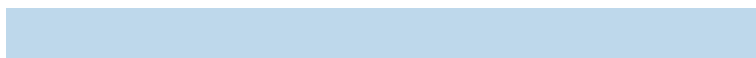
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4263, 66.1542, 74.1619



58.4880, 66.1542, 82.3594



60.7322, 66.1542, 88.0805

Triad

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



58.4880, 66.1542, 82.3594



68.2569, 66.1542, 78.4265



62.1435, 66.1542, 57.1121

Complementary

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



58.4880, 66.1542, 82.3594



58.5359, 56.5351, 52.0843

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.



65.0729, 66.1542, 58.0596



58.4880, 66.1542, 82.3594



68.6634, 66.1542, 69.9407

Square

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



58.4880, 66.1542, 82.3594



66.3876, 66.1542, 85.6890



67.4815, 66.1542, 62.6038



59.4935, 66.1542, 59.9068

Rectangle

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



58.4880, 66.1542, 82.3594



62.6283, 66.1542, 89.4852



67.4815, 66.1542, 62.6038



63.1275, 66.1542, 57.0076

Sweetspot

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



58.4899, 66.1569, 82.3609



88.7821, 95.4903, 108.3599



56.0013, 68.5803, 58.7160



18.8628, 20.3370, 23.1812



0.0000, 0.0000, 0.0000



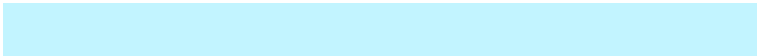
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4899, 66.1569, 82.3609



72.6349, 83.4390, 106.8848



53.1239, 55.4248, 80.5722



14.5782, 15.8777, 18.4407



18.4855, 24.0332, 46.0477



1.4233, 1.8905, 3.4218

Inverse Universe

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



61.1942, 54.9026, 74.3930



76.8353, 66.2938, 94.4331



63.6666, 66.7964, 53.7945



14.8794, 14.5690, 17.5654



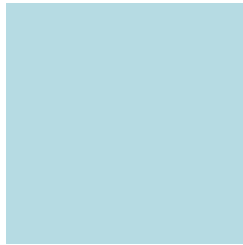
23.7242, 11.6239, 28.5061



1.7820, 0.8705, 2.2587

Previews

White Background



This preview shows how the XYZ color 58.4880, 66.1542, 82.3594 looks on a white background.

Color Contrast Check

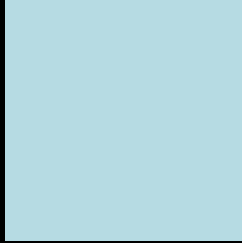
Large Text (above 18pt) WCAG AA × Fail

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 58.4880, 66.1542, 82.3594 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 58.4880, 66.1542, 82.3594

Background



This preview shows how black text looks on a background with the XYZ color 58.4880, 66.1542, 82.3594.

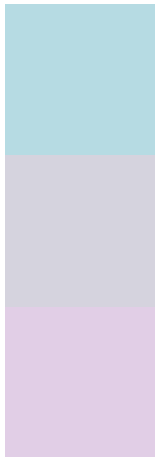


This preview shows how white text looks on a background with the XYZ color 58.4880, 66.1542,

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

58.4880, 66.1542, 82.3594

Protanopia

63.9197, 66.0086, 78.4792

Deuteranopia

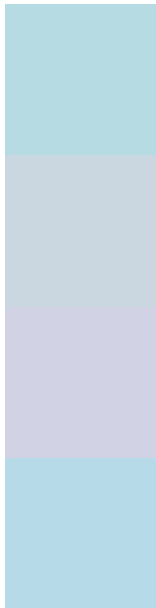
67.4056, 65.8633, 84.0231



Tritanopia

59.8340, 66.3313, 88.2469

Trichromacy



Original Color

58.4880, 66.1542, 82.3594

Protanomaly

61.8582, 66.0315, 80.0061

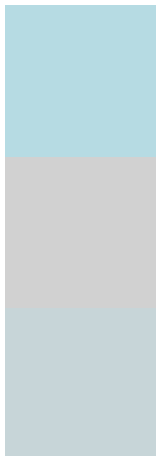
Deuteranomaly

63.7316, 65.8010, 83.4706

Tritanomaly

59.1653, 66.0363, 85.9719

Monochromacy



Original Color

58.4880, 66.1542, 82.3594

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7421, 64.6885, 74.3031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4880, 66.1542, 82.3594 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(182, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 219, 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(182, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 58.4880, 66.1542, 82.3594 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(182, 219, 227) }
```


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

```
.border{ border-color:rgb(182, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4880, 66.1542, 82.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 219, 227) }
```

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

```
.background{ background-color: rgb(182,  
219, 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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