

Converting Colors

XYZ(59.8087, 67.5497, 85.4874)

Have a look what the booklet for
XYZ(59.8087, 67.5497, 85.4874)
contains.

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Color

**XYZ(59.8087, 67.5497,
85.4874)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DDE7
RGB	183, 221, 231
RGB Percent	72%, 87%, 91%
CMY	0.2823, 0.1333, 0.0941
CMYK	0.21, 0.04, 0.00, 0.09
HSL	192°, 50%, 81%
HSV	192°, 21%, 91%
XYZ	59.8087, 67.5497, 85.4874
YIQ	210.7780, -25.8580, -4.9460

Conversions

Conversions Part 2

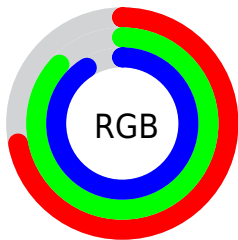
Format	Color
RYB	183, 204, 231
Decimal	12049895
CIELab	85.78, -10.25, -9.02
CIELCh	86, 13.654, 221.358
Yxy	67.5497, 0.2810, 0.3174
Android (android.graphics.Color)	4290239975 (0xFFB7DDE7)
YUV	210.7780, 9.9694, -24.3613
Hunter-Lab	82.1886, -13.9356, -4.1377

Details

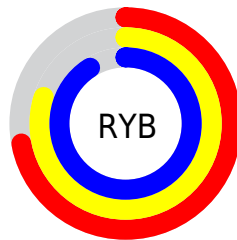
The XYZ color **59.8087, 67.5497, 85.4874** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.5728, 58.5479, 52.9095**, and the grayscale version is **61.7205, 64.9348, 70.7140**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.4273, 35.0347, 45.7161** is the 20% darker color. If you saturate the color by 10%, you get **53.5071, 62.4440, 84.8351**, and if you desaturate by 10%, it is **67.0524, 73.1986, 86.1971**.

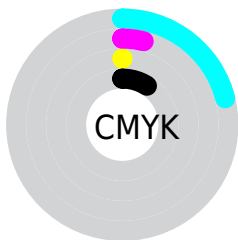
Distribution



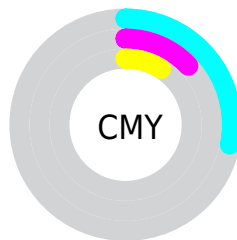
- Red (72%)
- Green (87%)
- Blue (91%)



- Red (72%)
- Yellow (80%)
- Blue (91%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (28%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8087, 67.5497, 85.4874 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 59.8087, 67.5497, 85.4874 by changing the saturation by 10% instead.

■ 59.8087, 67.5497,
85.4874

■ 59.8087, 67.5497,
85.4874

413.7383,
451.8989, 533.4261

■ 43.5133, 49.5315,
63.6917

■ 103.6600,
115.7077, 142.9342

■ 30.4844, 35.0413,
45.9564

131.9467,
146.6163, 179.4223

■ 20.3564, 23.6947,
31.8630

164.9612,
182.5905, 221.6450

■ 12.7642, 15.1073,
20.9930

203.0689,
224.0146, 270.0208

■ 7.3422, 8.8947,
12.9277

246.6351,
271.2732, 324.9683

■ 3.7253, 4.6726,
7.2486

296.0251,

■ 1.5479, 2.0565,

324.7505, 386.9060

3.5373

351.6044,
384.8309, 456.2524

■ 0.3581, 0.6400,
1.3751

■ 0.0000, 0.0000,
0.1222

■ 59.8087, 67.5497,
85.4874

■ 59.8087, 67.5497,
85.4874

■ 53.5071, 62.4440,
84.8351

■ 67.0524, 73.1986,
86.1971

■ 48.0975, 57.8499,
84.2335

■ 75.2735, 79.4042,
86.9616

■ 43.5338, 53.7451,
83.6817

■ 84.5126, 86.1895,
87.7843

■ 39.7634, 50.1020,
83.1772

■ 86.8975, 89.4966,
88.2969

■ 36.7279, 46.8898,
82.7172

■ 88.3347, 92.3710,
88.7760

■ 34.3599, 44.0736,
82.2985

■ 89.8097, 95.3210,
89.2677

■ 32.5793, 41.6115,
81.9171

■ 91.3229, 98.3474,
89.7721

■ 31.3347, 39.5910,
81.5927

■ 91.4240, 98.5496,
89.8058

Harmonies

Analogous

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



58.5042, 67.5497, 76.9832



59.8087, 67.5497, 85.4874



62.3067, 67.5497, 91.0464

Triad

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



59.8087, 67.5497, 85.4874



70.0532, 67.5497, 79.1757



63.0306, 67.5497, 57.9695

Complementary

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



59.8087, 67.5497, 85.4874



60.5728, 58.5479, 52.9095

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.



66.1393, 67.5497, 58.4526



59.8087, 67.5497, 85.4874



70.2624, 67.5497, 70.2206

Square

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



59.8087, 67.5497, 85.4874



68.2470, 67.5497, 87.2038



68.8095, 67.5497, 62.7793



60.3238, 67.5497, 61.4017

Rectangle

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



59.8087, 67.5497, 85.4874



64.3461, 67.5497, 92.0832



68.8095, 67.5497, 62.7793



64.0620, 67.5497, 57.6872

Sweetspot

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



59.8107, 67.5525, 85.4889



88.6352, 95.1965, 108.3109



57.6867, 71.0528, 60.8940



18.8280, 20.2674, 23.1696



0.0000, 0.0000, 0.0000



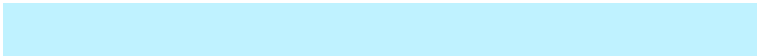
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8107, 67.5525, 85.4889



71.2684, 81.6680, 106.6150



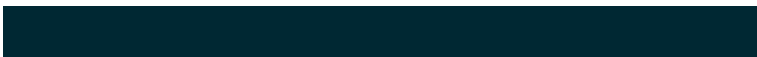
54.0108, 55.9526, 83.5556



14.5392, 15.7999, 18.4277



17.6587, 22.3796, 45.7722



1.3691, 1.7822, 3.4038

Inverse Universe

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



62.9412, 56.0779, 75.9165



75.9107, 65.0249, 92.3361



66.2133, 69.8288, 54.7897



14.8598, 14.5611, 17.4619



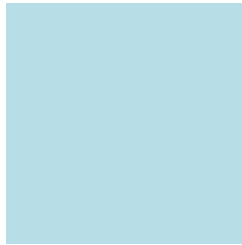
23.3068, 11.4569, 26.3084



1.7547, 0.8596, 2.1148

Previews

White Background



This preview shows how the XYZ color 59.8087, 67.5497, 85.4874 looks on a white background.

Color Contrast Check

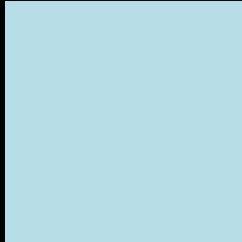
Large Text (above 18pt) WCAG AA × Fail

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 59.8087, 67.5497, 85.4874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

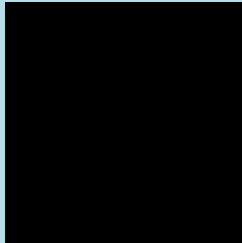
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8087, 67.5497, 85.4874

Background



This preview shows how black text looks on a background with the XYZ color 59.8087, 67.5497, 85.4874.

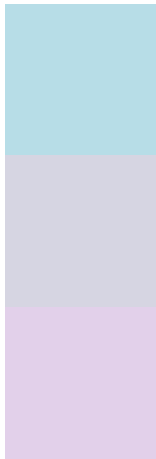


This preview shows how white text looks on a background with the XYZ color 59.8087, 67.5497,

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

59.8087, 67.5497, 85.4874

Protanopia

65.2533, 67.3756, 81.5171

Deuteranopia

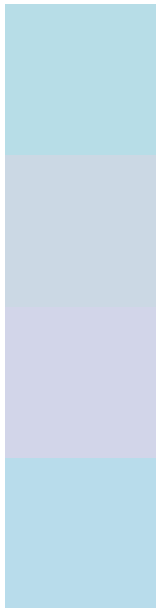
68.7712, 67.2210, 87.1922



Tritanopia

60.7930, 67.5498, 90.7232

Trichromacy



Original Color

59.8087, 67.5497, 85.4874

Protanomaly

63.1881, 67.4097, 83.0798

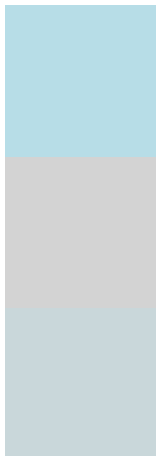
Deuteranomaly

65.0806, 67.1733, 86.6264

Tritanomaly

60.3558, 67.3749, 88.4208

Monochromacy



Original Color

59.8087, 67.5497, 85.4874

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0427, 66.0803, 75.8672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8087, 67.5497, 85.4874 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(183, 221, 231) looks like.

```
.text, #text, p{  
    color:rgb(183, 221, 231)  
}
```

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(183, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 221, 231) }
```

Border

The CSS property to change the border of an element to XYZ 59.8087, 67.5497, 85.4874 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(183, 221, 231) }
```


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

```
.border{ border-color:rgb(183, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(183, 221,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8087, 67.5497, 85.4874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 221, 231) }
```

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

```
.background{ background-color: rgb(183,  
221, 231) }
```

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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