

Converting Colors

XYZ(58.1698, 64.5090, 83.7033)

Have a look what the booklet for
XYZ(58.1698, 64.5090, 83.7033)
contains.

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Color

**XYZ(57.9717, 64.3253,
83.4893)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D7E5
RGB	183, 215, 229
RGB Percent	72%, 84%, 90%
CMY	0.2823, 0.1568, 0.1020
CMYK	0.20, 0.06, 0.00, 0.10
HSL	198°, 47%, 81%
HSV	198°, 20%, 90%
XYZ	57.9717, 64.3253, 83.4893
YIQ	207.0280, -23.5660, -2.4300

Conversions

Conversions Part 2

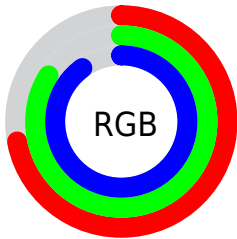
Format	Color
R_{YB}	183, 202, 229
Decimal	12048357
CIE _{Lab}	84.13, -7.59, -10.41
CIE _{LCh}	84, 12.882, 233.919
Yxy	64.3253, 0.2817, 0.3126
Android (android.graphics.Color)	4290238437 (0xFFB7D7E5)
YUV	207.0280, 10.8322, -21.0726
Hunter-Lab	80.2031, -11.3335, -5.5772

Details

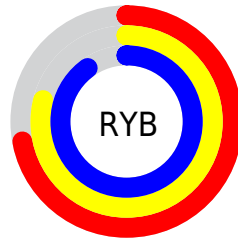
The XYZ color **57.9717, 64.3253, 83.4893** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.8271, 60.0094, 53.1780**, and the grayscale version is **59.2710, 62.3577, 67.9076**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **29.2640, 32.8647, 44.8455** is the 20% darker color. If you saturate the color by 10%, you get **51.2254, 58.2708, 82.6773**, and if you desaturate by 10%, it is **65.6836, 70.9931, 84.3709**.

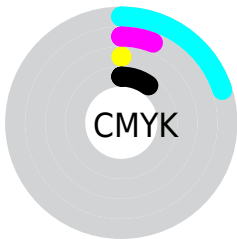
Distribution



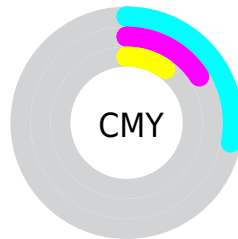
- Red (72%)
- Green (84%)
- Blue (90%)



- Red (72%)
- Yellow (79%)
- Blue (90%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9717, 64.3253, 83.4893 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 57.9717, 64.3253, 83.4893 by changing the saturation by 10% instead.

■ 57.9717, 64.3253,
83.4893

■ 57.9717, 64.3253,
83.4893

407.0360,
440.3634, 526.6294

■ 42.0291, 46.9142,
62.0509

■ 101.0048,
111.0793, 140.1159

■ 29.3153, 32.9678,
44.6378

128.8261,
141.1910, 176.1412

■ 19.4649, 22.1018,
30.8314

161.3376,
176.3050, 217.8660

■ 12.1127, 13.9317,
20.2131

198.9046,
216.8057, 265.7086

■ 6.8932, 8.0732,
12.3644

241.8927,
263.0775, 320.0877

■ 3.4411, 4.1418,
6.8668

290.6670,

■ 1.3911, 1.7532,

315.5047, 381.4219

3.3018

345.5930,
374.4719, 450.1296

■ 0.2499, 0.4578,
1.2507

■ 0.0000, 0.0000,
0.0209

■ 57.9717, 64.3253,
83.4893

■ 57.9717, 64.3253,
83.4893

■ 51.2254, 58.2708,
82.6773

■ 65.6836, 70.9931,
84.3709

■ 45.3952, 52.7977,
81.9281

■ 74.3961, 78.2887,
85.3199

■ 40.4358, 47.8829,
81.2409

■ 84.1496, 86.2358,
86.3398

■ 36.2954, 43.4984,
80.6128

■ 87.3969, 90.9450,
87.0776

■ 32.9163, 39.6128,
80.0409

■ 89.5207, 95.1925,
87.7855

■ 30.2329, 36.1909,
79.5219

■ 91.1431, 98.4372,
88.3263

■ 28.1671, 33.1909,
79.0517

■ 26.5962, 30.5634,
78.6273

Harmonies

Analogous

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



56.2705, 64.3253, 76.5901



57.9717, 64.3253, 83.4893



60.5612, 64.3253, 86.8141

Triad

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



57.9717, 64.3253, 83.4893



66.7458, 64.3253, 71.7132



58.9465, 64.3253, 56.6633

Complementary

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



57.9717, 64.3253, 83.4893



60.8271, 60.0094, 53.1780

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.



61.7210, 64.3253, 55.5778



57.9717, 64.3253, 83.4893



66.2811, 64.3253, 63.8732

Square

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



57.9717, 64.3253, 83.4893



65.6710, 64.3253, 79.6840



64.4202, 64.3253, 58.1175



56.8209, 64.3253, 61.2061

Rectangle

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



57.9717, 64.3253, 83.4893



62.4656, 64.3253, 86.3854



64.4202, 64.3253, 58.1175



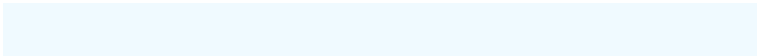
59.8319, 64.3253, 55.8974

Sweetspot

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



57.9736, 64.3279, 83.4908



88.1761, 94.2783, 108.1579



57.6040, 70.1291, 63.2047



18.7193, 20.0500, 23.1334



0.0000, 0.0000, 0.0000



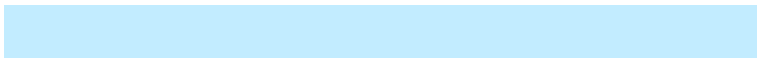
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9736, 64.3279, 83.4908



70.3511, 78.8715, 106.1236



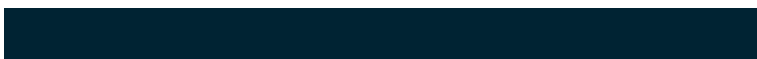
52.5661, 53.5129, 81.6882



14.4179, 15.5572, 18.3873



15.3170, 17.6961, 44.9916



1.2128, 1.4696, 3.3517

Inverse Universe

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



61.5138, 55.4327, 71.7504



75.6826, 65.8327, 88.3629



66.4022, 71.1595, 55.0364



14.7985, 14.5366, 17.1395



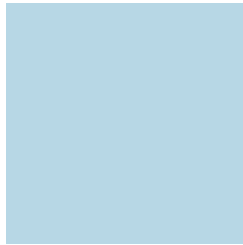
22.1248, 10.9841, 20.0841



1.6758, 0.8280, 1.6993

Previews

White Background



This preview shows how the XYZ color 57.9717, 64.3253, 83.4893 looks on a white background.

Color Contrast Check

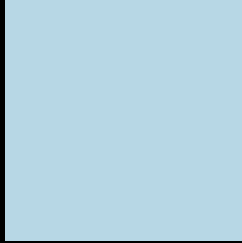
Large Text (above 18pt) WCAG AA × Fail

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 57.9717, 64.3253, 83.4893 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 57.9717, 64.3253, 83.4893

Background



This preview shows how black text looks on a background with the XYZ color 57.9717, 64.3253, 83.4893.

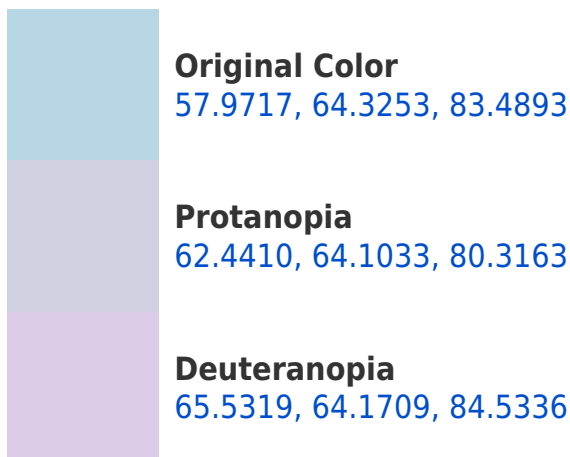


This preview shows how white text looks on a background with the XYZ color 57.9717, 64.3253,

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

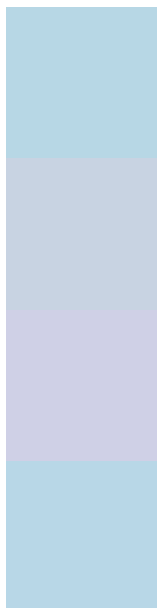




Tritanopia

58.6331, 64.6174, 85.7260

Trichromacy



Original Color

57.9717, 64.3253, 83.4893

Protanomaly

60.8412, 64.3589, 81.1673

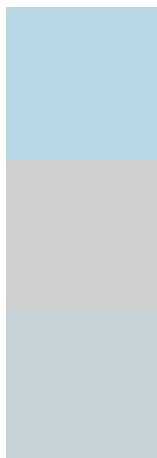
Deuteranomaly

62.5709, 64.0903, 83.9357

Tritanomaly

58.4914, 64.5607, 84.9799

Monochromacy



Original Color

57.9717, 64.3253, 83.4893

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6010, 63.0053, 73.3626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9717, 64.3253, 83.4893 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, 215, 229)` looks like.

```
.text, #text, p{  
    color:rgb(183, 215, 229)  
}
```

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, 215, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 215, 229) }
```

Border

The CSS property to change the border of an element to XYZ 57.9717, 64.3253, 83.4893 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, 215, 229) }
```


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

```
.border{ border-color:rgb(183, 215, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 215, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 215, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 215, 229);  
box-shadow:4px 4px 4px 4px rgb(183, 215,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9717, 64.3253, 83.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 215, 229) }
```

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

```
.background{ background-color: rgb(183,  
215, 229) }
```

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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