

Converting Colors

XYZ(58.8825, 64.4590, 79.8794)

Have a look what the booklet for
XYZ(58.8825, 64.4590, 79.8794)
contains.

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Color

**XYZ(58.9870, 64.5513,
79.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD6E0
RGB	191, 214, 224
RGB Percent	75%, 84%, 88%
CMY	0.2510, 0.1608, 0.1216
CMYK	0.15, 0.04, 0.00, 0.12
HSL	198°, 35%, 81%
HSV	198°, 15%, 88%
XYZ	58.9870, 64.5513, 79.8717
YIQ	208.2630, -16.9180, -1.7660

Conversions

Conversions Part 2

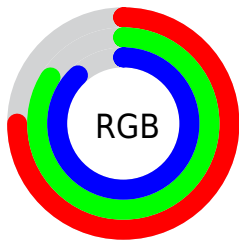
Format	Color
R_{YB}	191, 205, 224
Decimal	12572384
CIE _{Lab}	84.25, -5.63, -7.53
CIE _{LCh}	84, 9.399, 233.199
Yxy	64.5513, 0.2900, 0.3173
Android (android.graphics.Color)	4290762464 (0xFFBFD6E0)
YUV	208.2630, 7.7583, -15.1397
Hunter-Lab	80.3438, -9.5502, -2.7009

Details

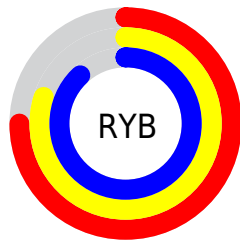
The XYZ color **58.9870, 64.5513, 79.8717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0316, 61.3822, 57.9228**, and the grayscale version is **60.0854, 63.2146, 68.8407**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.8761, 32.9792, 42.3271** is the 20% darker color. If you saturate the color by 10%, you get **52.0975, 58.5046, 79.0687**, and if you desaturate by 10%, it is **66.8134, 71.1906, 80.7418**.

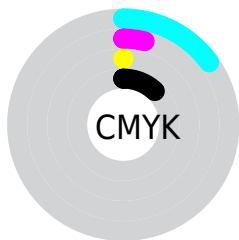
Distribution



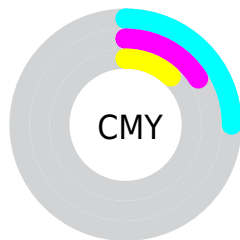
- Red (75%)
- Green (84%)
- Blue (88%)



- Red (75%)
- Yellow (80%)
- Blue (88%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (25%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9870, 64.5513, 79.8717 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 58.9870, 64.5513, 79.8717 by changing the saturation by 10% instead.

■ 58.9870, 64.5513,
79.8717

■ 58.9870, 64.5513,
79.8717

410.7486,
441.1778, 514.1957

■ 42.8490, 47.0973,
59.0872

■ 102.4735,
111.4045, 134.9951

■ 29.9607, 33.1126,
42.2629

130.5527,
141.5726, 170.1711

■ 19.9566, 22.2127,
28.9801

163.3430,
176.7474, 210.9814

■ 12.4716, 14.0133,
18.8203

201.2098,
217.3135, 257.8445

■ 7.1402, 8.1299,
11.3650

244.5184,
263.6552, 311.1789

■ 3.5970, 4.1782,
6.1957

293.6341,

■ 1.4768, 1.7737,

316.1569, 371.4032

2.8937

348.9224,
375.2029, 438.9360

■ 0.3100, 0.4707,
1.0406

■ 0.0000, 0.0000,
0.0000

■ 58.9870, 64.5513,
79.8717

■ 58.9870, 64.5513,
79.8717

■ 52.0975, 58.5046,
79.0687

■ 66.8134, 71.1906,
80.7418

■ 46.0993, 53.0206,
78.3263

■ 75.6084, 78.4351,
81.6765

■ 40.9515, 48.0786,
77.6438

■ 84.2209, 85.6942,
82.6237

■ 36.6074, 43.6533,
77.0185

■ 86.1940, 89.6405,
83.2815

■ 33.0156, 39.7168,
76.4480

■ 88.2420, 93.7365,
83.9641

■ 30.1184, 36.2379,
75.9292

■ 90.3657, 97.9838,
84.6720

■ 27.8488, 33.1808,
75.4588

■ 90.4547, 98.1619,
84.7017

■ 26.1253, 30.5020,
75.0326

■ 25.3669, 29.2062,
74.8224

Harmonies

Analogous

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



57.7474, 64.5513, 74.8995



58.9870, 64.5513, 79.8717



60.8812, 64.5513, 82.2961

Triad

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



58.9870, 64.5513, 79.8717



65.4158, 64.5513, 71.6518



59.7905, 64.5513, 60.2649

Complementary

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



58.9870, 64.5513, 79.8717



61.0316, 61.3822, 57.9228

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.



61.8294, 64.5513, 59.5041



58.9870, 64.5513, 79.8717



65.1078, 64.5513, 65.8648

Square

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



58.9870, 64.5513, 79.8717



64.6159, 64.5513, 77.3798



63.7836, 64.5513, 61.4986



58.2039, 64.5513, 63.6385

Rectangle

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



58.9870, 64.5513, 79.8717



62.2728, 64.5513, 82.0494



63.7836, 64.5513, 61.4986



60.4445, 64.5513, 59.7033

Sweetspot

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



58.9889, 64.5540, 79.8731



90.4186, 96.1608, 108.4031



58.6736, 68.6012, 65.3469



19.1720, 20.4310, 23.1831



0.0000, 0.0000, 0.0000



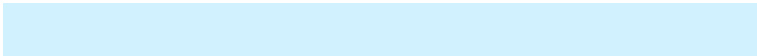
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9889, 64.5540, 79.8731



75.8562, 83.7566, 106.7763



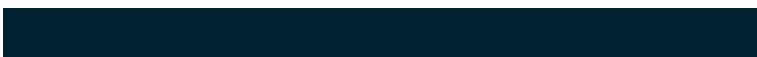
55.0444, 56.6651, 78.5583



13.7478, 14.8347, 17.5265



14.8707, 17.2110, 43.5867



1.1084, 1.3482, 3.0471

Inverse Universe

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



61.5104, 57.9654, 71.5678



79.9564, 73.2666, 93.2210



65.0616, 69.4422, 59.2661



14.1089, 13.8612, 16.3437



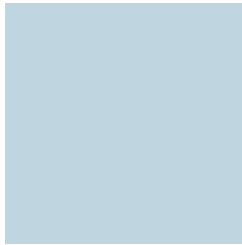
21.4463, 10.6455, 19.5476



1.5257, 0.7536, 1.5612

Previews

White Background



This preview shows how the XYZ color 58.9870, 64.5513, 79.8717 looks on a white background.

Color Contrast Check

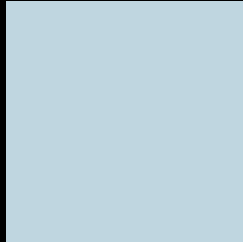
Large Text (above 18pt) WCAG AA × Fail

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 58.9870, 64.5513, 79.8717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

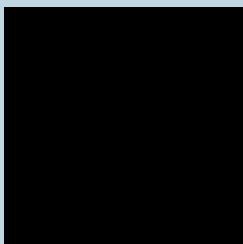
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

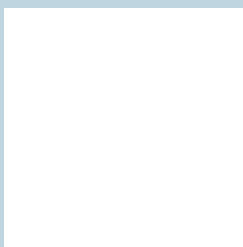
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9870, 64.5513, 79.8717

Background



This preview shows how black text looks on a background with the XYZ color 58.9870, 64.5513, 79.8717.

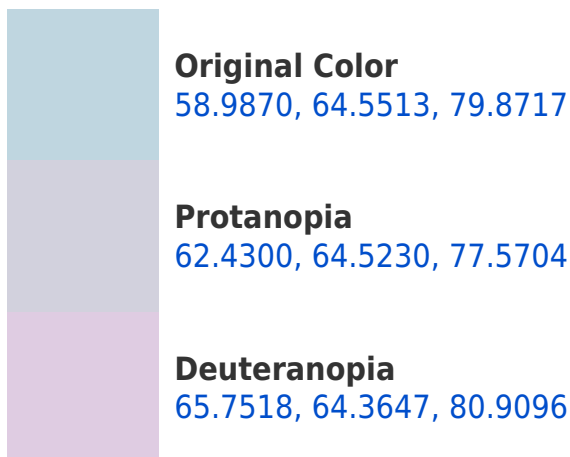


This preview shows how white text looks on a background with the XYZ color 58.9870, 64.5513,

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

59.8154, 64.5081, 84.1616

Trichromacy



Original Color

58.9870, 64.5513, 79.8717

Protanomaly

61.1077, 64.5590, 78.3476

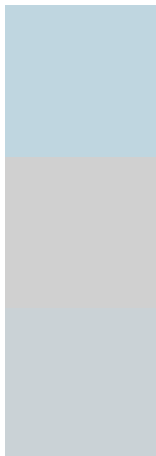
Deuteranomaly

63.0105, 64.3969, 80.3430

Tritanomaly

59.5361, 64.3964, 82.6907

Monochromacy



Original Color

58.9870, 64.5513, 79.8717

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5413, 63.5048, 72.7378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9870, 64.5513, 79.8717 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, 214, 224)` looks like.

```
.text, #text, p{  
    color:rgb(191, 214, 224)  
}
```

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, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.9870, 64.5513, 79.8717 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, 214, 224) }
```


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

```
.border{ border-color:rgb(191, 214, 224) }
```

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

Here you see how a box with a 4 pixel rgb(191, 214, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9870, 64.5513, 79.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 224) }
```

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

```
.background{ background-color: rgb(191,  
214, 224) }
```

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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