

Converting Colors

XYZ(58.1796, 64.5150, 78.0650)

Have a look what the booklet for
XYZ(58.1796, 64.5150, 78.0650)
contains.

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Color

**XYZ(58.0906, 64.5127,
77.7971)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD7DD
RGB	188, 215, 221
RGB Percent	74%, 84%, 87%
CMY	0.2627, 0.1568, 0.1333
CMYK	0.15, 0.03, 0.00, 0.13
HSL	191°, 33%, 80%
HSV	191°, 15%, 87%
XYZ	58.0906, 64.5127, 77.7971
YIQ	207.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

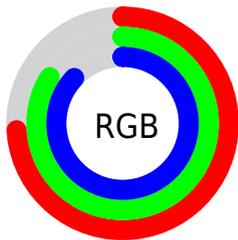
Format	Color
R _{YB}	188, 203, 221
Decimal	12376029
CIE Lab	84.23, -7.72, -5.98
CIE LCh	84, 9.765, 217.801
Yxy	64.5127, 0.2899, 0.3219
Android (android.graphics.Color)	4290566109 (0xFFBCD7DD)
YUV	207.6110, 6.6008, -17.1988
Hunter-Lab	80.3198, -11.4611, -1.2040

Details

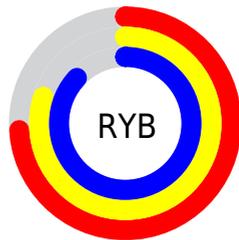
The XYZ color **58.0906, 64.5127, 77.7971** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1881, 57.5864, 55.6265**, and the grayscale version is **59.6710, 62.7785, 68.3658**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.2853, 32.9631, 40.8954** is the 20% darker color. If you saturate the color by 10%, you get **52.0480, 59.8997, 77.2262**, and if you desaturate by 10%, it is **64.9957, 69.6110, 78.4183**.

Distribution



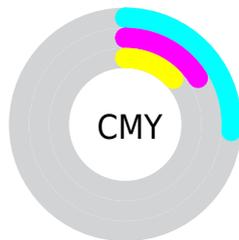
- Red (74%)
- Green (84%)
- Blue (87%)



- Red (74%)
- Yellow (80%)
- Blue (87%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0906, 64.5127, 77.7971 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 58.0906, 64.5127, 77.7971 by changing the saturation by 10% instead.

■ 58.0906, 64.5127,
77.7971

■ 58.0906, 64.5127,
77.7971

407.4719,
441.0388, 506.9871

■ 42.1250, 47.0661,
57.3919

■ 101.1770,
111.3490, 132.0473

■ 29.3907, 33.0879,
40.9085

129.0285,
141.5074, 166.7294

■ 19.5224, 22.1938,
27.9284

161.5728,
176.6719, 207.0075

■ 12.1546, 13.9994,
18.0331

199.1750,
217.2268, 253.3001

■ 6.9220, 8.1202,
10.8041

242.2007,
263.5565, 306.0259

■ 3.4593, 4.1720,
5.8227

291.0152,

■ 1.4010, 1.7702,

316.0455, 365.6033

2.6706

345.9838,
375.0781, 432.4508

■ 0.2570, 0.4685,
0.9286

■ 0.0000, 0.0000,
0.0000

■ 58.0906, 64.5127,
77.7971

■ 58.0906, 64.5127,
77.7971

■ 52.0480, 59.8997,
77.2262

■ 64.9957, 69.6110,
78.4183

■ 46.8244, 55.7442,
76.6994

■ 72.7933, 75.2053,
79.0871

■ 42.3807, 52.0275,
76.2162

■ 81.5188, 81.3157,
79.8066

■ 38.6725, 48.7264,
75.7745

■ 82.8867, 83.6712,
80.1892

■ 35.6505, 45.8153,
75.3719

■ 84.0241, 85.9461,
80.5683

■ 33.2596, 43.2654,
75.0057

■ 85.1876, 88.2731,
80.9562

■ 31.4355, 41.0434,
74.6730

■ 86.3772, 90.6523,
81.3527

■ 30.0998, 39.1086,
74.3699

■ 87.5931, 93.0840,
81.7580

■ 29.5426, 38.2031,
74.2245

■ 88.8354, 95.5688,
82.1721

Harmonies

Analogous

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



57.2898, 64.5127, 71.8720



58.0906, 64.5127, 77.7971



59.7599, 64.5127, 81.8546

Triad

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



58.0906, 64.5127, 77.7971



65.2479, 64.5127, 74.8389



60.7548, 64.5127, 59.0946

Complementary

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



58.0906, 64.5127, 77.7971



58.1881, 57.5864, 55.6265

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.



62.9017, 64.5127, 59.7856



58.0906, 64.5127, 77.7971



65.5294, 64.5127, 68.6396

Square

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



58.0906, 64.5127, 77.7971



63.9011, 64.5127, 80.0779



64.6615, 64.5127, 63.1951



58.8042, 64.5127, 61.2489

Rectangle

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



58.0906, 64.5127, 77.7971



61.1580, 64.5127, 82.8261



64.6615, 64.5127, 63.1951



61.4771, 64.5127, 59.0042

Sweetspot

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



58.0925, 64.5154, 77.7985



90.8080, 96.9396, 108.5329



56.2781, 66.2780, 60.5729



19.2707, 20.6286, 23.2160



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.



58.0925, 64.5154, 77.7985



77.5293, 87.1029, 107.3341



54.2147, 56.7598, 76.5060



13.2332, 14.4061, 16.7353



17.2380, 22.3455, 43.1430



1.1703, 1.5546, 2.8128

Inverse Universe

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



60.0692, 56.2462, 71.9837



80.8009, 73.6044, 97.6683



61.9436, 65.0973, 56.8783



13.5076, 13.2321, 15.9341



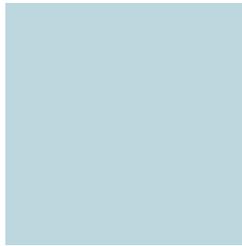
22.1963, 10.8796, 26.4775



1.4650, 0.7156, 1.8575

Previews

White Background



This preview shows how the XYZ color 58.0906, 64.5127, 77.7971 looks on a white background.

Color Contrast Check

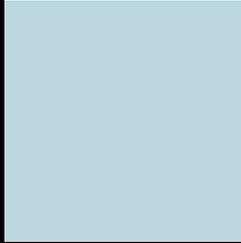
Large Text (above 18pt) WCAG AA × Fail

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 58.0906, 64.5127, 77.7971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

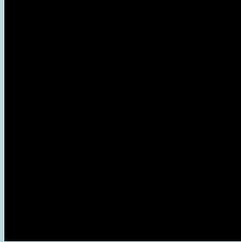
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

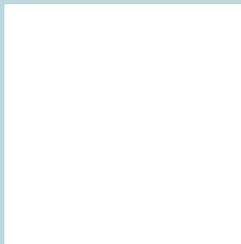
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0906, 64.5127, 77.7971

Background



This preview shows how black text looks on a background with the XYZ color 58.0906, 64.5127, 77.7971.



This preview shows how white text looks on a background with the XYZ color 58.0906, 64.5127,

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

58.0906, 64.5127, 77.7971

Protanopia

62.1888, 64.4596, 74.8099

Deuteranopia

65.6526, 64.3607, 78.7746



Tritanopia

59.7056, 64.8098, 84.9640

Trichromacy



Original Color

58.0906, 64.5127, 77.7971

Protanomaly

60.5778, 64.3470, 75.5571

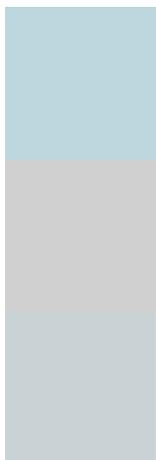
Deuteranomaly

62.6047, 64.2346, 78.2061

Tritanomaly

58.8980, 64.4580, 82.0104

Monochromacy



Original Color

58.0906, 64.5127, 77.7971

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3919, 63.8101, 72.1371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0906, 64.5127, 77.7971 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(188, 215, 221) looks like.

```
.text, #text, p{  
    color:rgb(188, 215, 221)  
}
```

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(188, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 215, 221) }
```

Border

The CSS property to change the border of an element to XYZ 58.0906, 64.5127, 77.7971 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(188, 215, 221) }
```

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

```
.border{ border-color:rgb(188, 215, 221) }
```

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

Here you see how a box with a 4 pixel rgb(188, 215, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(188, 215,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0906, 64.5127, 77.7971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 215, 221) }
```

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

```
.background{ background-color: rgb(188,  
215, 221) }
```

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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