

Converting Colors

XYZ(57.9062, 64.3961, 77.2669)

Have a look what the booklet for
XYZ(57.9062, 64.3961, 77.2669)
contains.

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Color

**XYZ(57.9577, 64.4596,
77.0974)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD7DC
RGB	188, 215, 220
RGB Percent	74%, 84%, 86%
CMY	0.2627, 0.1568, 0.1372
CMYK	0.15, 0.02, 0.00, 0.14
HSL	189°, 31%, 80%
HSV	189°, 15%, 86%
XYZ	57.9577, 64.4596, 77.0974
YIQ	207.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

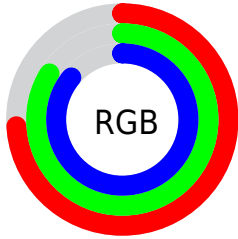
Format	Color
RYB	188, 203, 220
Decimal	12376028
CIELab	84.20, -7.92, -5.49
CIElCh	84, 9.640, 214.750
Yxy	64.4596, 0.2905, 0.3231
Android (android.graphics.Color)	4290566108 (0xFFBCD7DC)
YUV	207.4970, 6.1640, -17.0989
Hunter-Lab	80.2867, -11.6455, -0.7340

Details

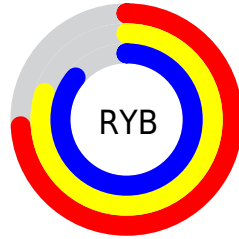
The XYZ color **57.9577, 64.4596, 77.0974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6625, 56.9860, 55.5382**, and the grayscale version is **59.5999, 62.7037, 68.2844**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.1939, 32.9266, 40.4141** is the 20% darker color. If you saturate the color by 10%, you get **52.0807, 60.1465, 76.5757**, and if you desaturate by 10%, it is **64.6830, 69.2406, 77.6668**.

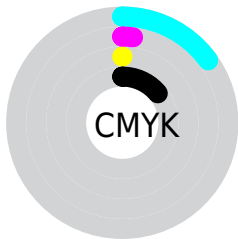
Distribution



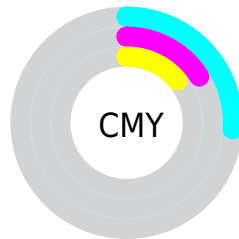
- Red (74%)
- Green (84%)
- Blue (86%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9577, 64.4596, 77.0974 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 57.9577, 64.4596, 77.0974 by changing the saturation by 10% instead.

■ 57.9577, 64.4596,
77.0974

■ 57.9577, 64.4596,
77.0974

406.9847,
440.8475, 504.5425

■ 42.0178, 47.0230,
56.8208

■ 100.9846,
111.2726, 131.0512

■ 29.3064, 33.0539,
40.4530

128.8022,
141.4178, 165.5655

■ 19.4582, 22.1677,
27.5754

161.3099,
176.5679, 205.6628

■ 12.1078, 13.9802,
17.7696

198.8728,
217.1075, 251.7615

■ 6.8898, 8.1069,
10.6170

241.8564,
263.4208, 304.2804

■ 3.4390, 4.1634,
5.6990

290.6260,

■ 1.3900, 1.7654,

315.8923, 363.6378

2.5971

345.5470,
374.9064, 430.2523

■ 0.2491, 0.4655,
0.8910

■ 0.0000, 0.0000,
0.0000

■ 57.9577, 64.4596,
77.0974

■ 57.9577, 64.4596,
77.0974

■ 52.0807, 60.1465,
76.5757

■ 64.6830, 69.2406,
77.6668

■ 47.0089, 56.2740,
76.0955

■ 72.2860, 74.4999,
78.2812

■ 42.7040, 52.8238,
75.6564

■ 80.8016, 80.2572,
78.9437

■ 39.1223, 49.7731,
75.2564

■ 82.1075, 82.3255,
79.2741

■ 36.2153, 47.0969,
74.8930

■ 83.0661, 84.2427,
79.5936

■ 33.9288, 44.7669,
74.5638

■ 84.0436, 86.1977,
79.9194

■ 32.1998, 42.7507,
74.2658

■ 85.0401, 88.1907,
80.2516

■ 30.9515, 41.0083,
73.9953

■ 86.0558, 90.2220,
80.5901

■ 30.4034, 40.1373,
73.8560

■ 87.0906, 92.2917,
80.9351

Harmonies

Analogous

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



57.2690, 64.4596, 71.1628



57.9577, 64.4596, 77.0974



59.5336, 64.4596, 81.3569

Triad

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



57.9577, 64.4596, 77.0974



65.0526, 64.4596, 75.3175



60.9279, 64.4596, 59.1162

Complementary

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



57.9577, 64.4596, 77.0974



57.6625, 56.9860, 55.5382

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.



63.0336, 64.4596, 60.0867



57.9577, 64.4596, 77.0974



65.4467, 64.4596, 69.2172

Square

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



57.9577, 64.4596, 77.0974



63.6351, 64.4596, 80.2882



64.6998, 64.4596, 63.6997



58.9583, 64.4596, 60.9681

Rectangle

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



57.9577, 64.4596, 77.0974



60.8923, 64.4596, 82.5470



64.6998, 64.4596, 63.6997



61.6431, 64.4596, 59.1242

Sweetspot

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



57.9596, 64.4623, 77.0988



90.8904, 97.1045, 108.5603



55.9366, 65.7202, 60.0732



19.2917, 20.6704, 23.2230



0.0000, 0.0000, 0.0000



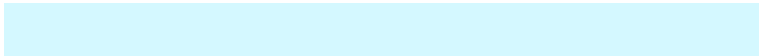
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9596, 64.4623, 77.0988



78.7390, 88.4420, 107.5288



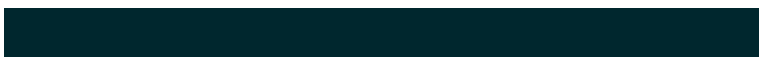
54.1278, 56.7987, 75.8216



13.2627, 14.4651, 16.7452



17.9105, 23.6904, 43.3671



1.2079, 1.6300, 2.8254

Inverse Universe

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



59.7656, 56.0896, 71.9696



81.6752, 74.9638, 99.1596



61.3447, 64.3504, 56.7656



13.5225, 13.2381, 16.0125



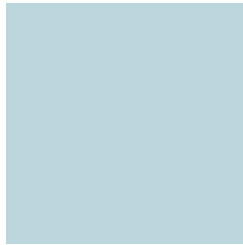
22.5357, 11.0153, 28.2648



1.4840, 0.7232, 1.9577

Previews

White Background



This preview shows how the XYZ color 57.9577, 64.4596, 77.0974 looks on a white background.

Color Contrast Check

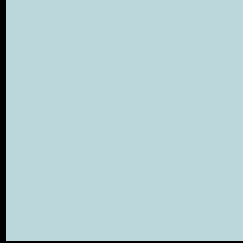
Large Text (above 18pt) WCAG AA × Fail

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 57.9577, 64.4596, 77.0974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

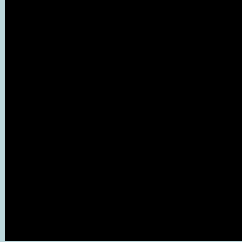
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

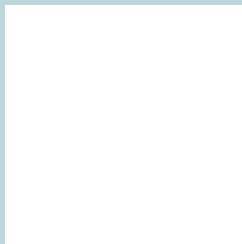
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9577, 64.4596, 77.0974

Background



This preview shows how black text looks on a background with the XYZ color 57.9577, 64.4596, 77.0974.



This preview shows how white text looks on a background with the XYZ color 57.9577, 64.4596,

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

57.9577, 64.4596, 77.0974

Protanopia

62.0591, 64.4077, 74.1268

Deuteranopia

65.5182, 64.3070, 78.0665



Tritanopia

59.3124, 64.2488, 84.1381

Trichromacy



Original Color

57.9577, 64.4596, 77.0974

Protanomaly

60.4473, 64.2948, 74.8699

Deuteranomaly

62.4710, 64.1811, 77.5022

Tritanomaly

58.7603, 64.4029, 81.2855

Monochromacy



Original Color

57.9577, 64.4596, 77.0974

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2653, 63.7595, 71.4706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9577, 64.4596, 77.0974 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 215, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 215, 220) }
```

Border

The CSS property to change the border of an element to XYZ 57.9577, 64.4596, 77.0974 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, 220) }
```


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

```
.border{ border-color:rgb(188, 215, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 215,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9577, 64.4596, 77.0974 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, 220) }
```

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

```
.background{ background-color: rgb(188,  
215, 220) }
```

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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