

Converting Colors

XYZ(57.7603, 62.4030, 80.9522)

Have a look what the booklet for
XYZ(57.7603, 62.4030, 80.9522)
contains.

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Color

**XYZ(57.7603, 62.4030,
80.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD2E2
RGB	189, 210, 226
RGB Percent	74%, 82%, 89%
CMY	0.2588, 0.1765, 0.1137
CMYK	0.16, 0.07, 0.00, 0.11
HSL	206°, 39%, 81%
HSV	206°, 16%, 89%
XYZ	57.7603, 62.4030, 80.9522
YIQ	205.5450, -17.6520, 0.5240

Conversions

Conversions Part 2

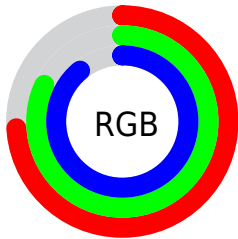
Format	Color
RYB	189, 202, 226
Decimal	12440290
CIELab	83.13, -3.76, -10.27
CIELCh	83, 10.941, 249.903
Yxy	62.4030, 0.2872, 0.3103
Android (android.graphics.Color)	4290630370 (0xFFBDD2E2)
YUV	205.5450, 10.0843, -14.5100
Hunter-Lab	78.9956, -7.7259, -5.4616

Details

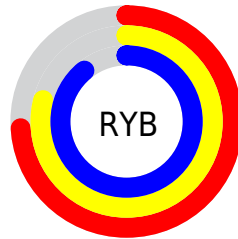
The XYZ color **57.7603, 62.4030, 80.9522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3811, 63.5053, 57.1152**, and the grayscale version is **58.3227, 61.3600, 66.8211**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.2308, 31.8681, 43.1386** is the 20% darker color. If you saturate the color by 10%, you get **50.2463, 55.0583, 79.9316**, and if you desaturate by 10%, it is **66.2989, 70.4979, 82.0656**.

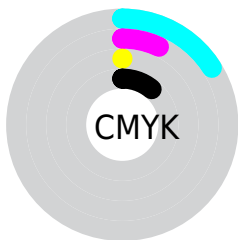
Distribution



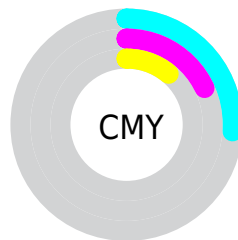
- Red (74%)
- Green (82%)
- Blue (89%)



- Red (74%)
- Yellow (79%)
- Blue (89%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7603, 62.4030, 80.9522 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 57.7603, 62.4030, 80.9522 by changing the saturation by 10% instead.

■ 57.7603, 62.4030,
80.9522

■ 57.7603, 62.4030,
80.9522

406.2604,
433.3996, 517.9272

■ 41.8585, 45.3584,
59.9715

■ 100.6987,
108.3078, 136.5271

■ 29.1811, 31.7398,
42.9705

128.4660,
137.9367, 171.9584

■ 19.3629, 21.1629,
29.5307

160.9191,
172.5293, 213.0436

■ 12.0383, 13.2431,
19.2337

198.4235,
212.4698, 260.2012

■ 6.8422, 7.5962,
11.6607

241.3445,
258.1427, 313.8498

■ 3.4090, 3.8376,
6.3934

290.0474,

■ 1.3736, 1.5832,

309.9324, 374.4080

3.0131

344.8976,
368.2232, 442.2943

■ 0.2373, 0.3462,
1.1013

■ 0.0000, 0.0000,
0.0000

■ 57.7603, 62.4030,
80.9522

■ 57.7603, 62.4030,
80.9522

■ 50.2463, 55.0583,
79.9316

■ 66.2989, 70.4979,
82.0656

■ 43.7083, 48.4299,
78.9967

■ 75.8968, 79.3596,
83.2703

■ 38.1022, 42.4927,
78.1462

■ 85.9275, 88.6707,
84.5388

■ 33.3775, 37.2167,
77.3769

■ 88.8711, 94.5579,
85.5200

■ 29.4790, 32.5692,
76.6853

■ 90.7277, 98.2711,
86.1389

■ 26.3444, 28.5136,
76.0677

■ 23.9012, 25.0081,
75.5198

■ 22.0591, 22.0016,
75.0366

■ 21.4845, 21.0048,
74.8745

Harmonies

Analogous

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



55.8851, 62.4030, 76.6655



57.7603, 62.4030, 80.9522



60.0992, 62.4030, 81.6285

Triad

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



57.7603, 62.4030, 80.9522



63.9148, 62.4030, 65.7267



56.4371, 62.4030, 58.4195

Complementary

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



57.7603, 62.4030, 80.9522



62.3811, 63.5053, 57.1152

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.



58.5320, 62.4030, 55.8853



57.7603, 62.4030, 80.9522



62.8766, 62.4030, 59.9145

Square

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



57.7603, 62.4030, 80.9522



63.6948, 62.4030, 72.5294



60.8916, 62.4030, 56.4138



55.1353, 62.4030, 63.5604

Rectangle

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



57.7603, 62.4030, 80.9522



61.6128, 62.4030, 79.8974



60.8916, 62.4030, 56.4138



57.0696, 62.4030, 57.2506

Sweetspot

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



57.7622, 62.4056, 80.9536



88.7804, 94.1946, 108.1099



59.1329, 69.5923, 67.7063



18.8202, 19.9913, 23.1167



0.0000, 0.0000, 0.0000



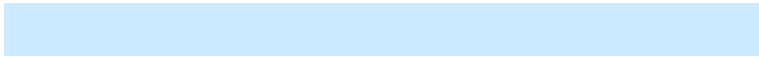
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7622, 62.4056, 80.9536



72.0766, 78.3068, 105.9236



53.5828, 54.0469, 79.5605



13.5945, 14.5282, 17.4754



12.3769, 12.2234, 42.7554



0.9464, 1.0242, 2.9931

Inverse Universe

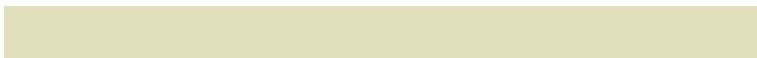
The Inverse Universe completely reimagines the original color for something new.



61.1959, 57.2184, 68.7946



77.5337, 70.3261, 86.5411



66.9158, 72.5748, 58.6268



14.0316, 13.8303, 15.9363



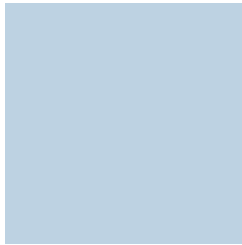
20.1875, 10.1420, 12.9190



1.4440, 0.7209, 1.1307

Previews

White Background



This preview shows how the XYZ color 57.7603, 62.4030, 80.9522 looks on a white background.

Color Contrast Check

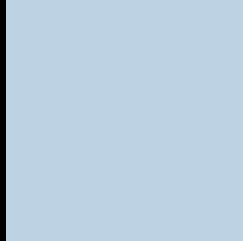
Large Text (above 18pt) WCAG AA × Fail

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 57.7603, 62.4030, 80.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

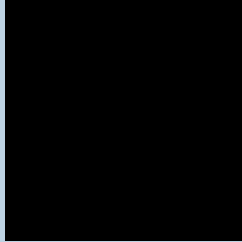
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

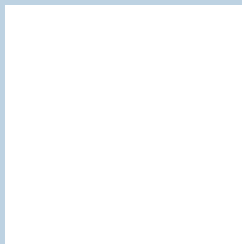
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7603, 62.4030, 80.9522

Background



This preview shows how black text looks on a background with the XYZ color 57.7603, 62.4030, 80.9522.



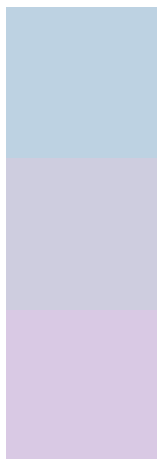
This preview shows how white text looks on a background with the XYZ color 57.7603, 62.4030,

80.9522.

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

57.7603, 62.4030, 80.9522

Protanopia

60.6042, 62.1122, 78.6067

Deuteranopia

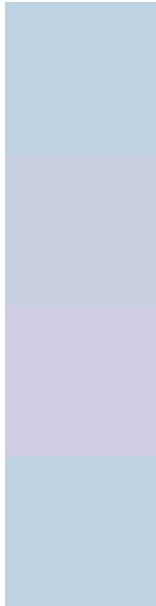
63.5055, 62.1264, 82.0433



Tritanopia

57.8980, 62.4581, 81.6771

Trichromacy



Original Color

57.7603, 62.4030, 80.9522

Protanomaly

59.5868, 62.2868, 79.4030

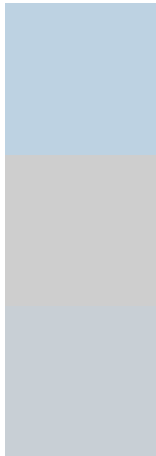
Deuteranomaly

61.1901, 61.9972, 81.4146

Tritanomaly

57.8980, 62.4581, 81.6771

Monochromacy



Original Color

57.7603, 62.4030, 80.9522

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1425, 61.7091, 71.7974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7603, 62.4030, 80.9522 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(189, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 210, 226)  
}
```

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(189, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 210, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.7603, 62.4030, 80.9522 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(189, 210, 226) }
```


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

```
.border{ border-color:rgb(189, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 210,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7603, 62.4030, 80.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 210, 226) }
```

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

```
.background{ background-color: rgb(189,  
210, 226) }
```

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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