

Converting Colors

XYZ(57.5401, 62.7531, 77.1678)

Have a look what the booklet for
XYZ(57.5401, 62.7531, 77.1678)
contains.

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Color

**XYZ(57.5806, 62.7561,
77.4849)**

Conversions

Conversions Part 1

Format	Color
Hex	BED3DD
RGB	190, 211, 221
RGB Percent	75%, 83%, 87%
CMY	0.2549, 0.1725, 0.1333
CMYK	0.14, 0.05, 0.00, 0.13
HSL	199°, 31%, 81%
HSV	199°, 14%, 87%
XYZ	57.5806, 62.7561, 77.4849
YIQ	205.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

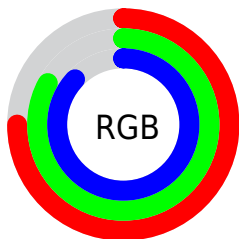
Format	Color
RYB	190, 203, 221
Decimal	12506077
CIELab	83.31, -5.00, -7.33
CIELCh	83, 8.874, 235.677
Yxy	62.7561, 0.2911, 0.3172
Android (android.graphics.Color)	4290696157 (0xFFBED3DD)
YUV	205.8610, 7.4635, -13.9101
Hunter-Lab	79.2187, -8.8891, -2.5392

Details

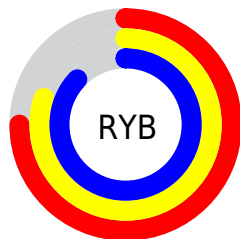
The XYZ color **57.5806, 62.7561, 77.4849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7678, 60.3983, 57.2243**, and the grayscale version is **58.5398, 61.5884, 67.0698**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **29.0932, 32.1014, 40.7392** is the 20% darker color. If you saturate the color by 10%, you get **50.7427, 56.6621, 76.6700**, and if you desaturate by 10%, it is **65.3377, 69.4438, 78.3679**.

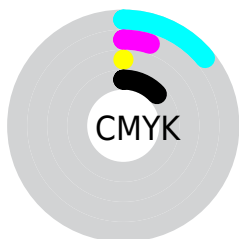
Distribution



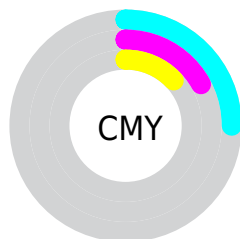
- Red (75%)
- Green (83%)
- Blue (87%)



- Red (75%)
- Yellow (80%)
- Blue (87%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5806, 62.7561, 77.4849 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 57.5806, 62.7561, 77.4849 by changing the saturation by 10% instead.

■ 57.5806, 62.7561,
77.4849

■ 57.5806, 62.7561,
77.4849

405.6004,
434.6838, 505.8972

■ 41.7135, 45.6439,
57.1370

■ 100.4383,
108.8176, 131.6030

■ 29.0672, 31.9649,
40.7052

128.1597,
138.5356, 166.2103

■ 19.2762, 21.3347,
27.7708

160.5632,
173.2245, 206.4078

■ 11.9752, 13.3689,
17.9154

198.0143,
213.2685, 252.6140

■ 6.7989, 7.6831,
10.7205

240.8781,
259.0520, 305.2475

■ 3.3818, 3.8928,
5.7674

289.5202,

■ 1.3588, 1.6138,

310.9594, 364.7269

2.6377

344.3059,
369.3753, 431.4706

■ 0.2266, 0.3669,
0.9118

■ 0.0000, 0.0000,
0.0000

■ 57.5806, 62.7561,
77.4849

■ 57.5806, 62.7561,
77.4849

■ 50.7427, 56.6621,
76.6700

■ 65.3377, 69.4438,
78.3679

■ 44.7798, 51.1326,
75.9170

■ 74.0447, 76.7376,
79.3168

■ 39.6524, 46.1474,
75.2250

■ 83.2566, 84.4111,
80.3125

■ 35.3155, 41.6816,
74.5916

■ 85.3081, 88.5141,
80.9963

■ 31.7196, 37.7083,
74.0142

■ 87.4420, 92.7819,
81.7076

■ 28.8090, 34.1970,
73.4899

■ 89.6592, 97.2162,
82.4466

■ 26.5197, 31.1132,
73.0153

■ 90.0513, 98.0005,
82.5774

■ 24.7739, 28.4149,
72.5865

■ 23.9148, 26.9475,
72.3485

Harmonies

Analogous

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



56.3668, 62.7561, 73.0378



57.5806, 62.7561, 77.4849



59.3686, 62.7561, 79.4805

Triad

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



57.5806, 62.7561, 77.4849



63.4235, 62.7561, 69.1347



58.0550, 62.7561, 59.1967

Complementary

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



57.5806, 62.7561, 77.4849



59.7678, 60.3983, 57.2243

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.



59.9279, 62.7561, 58.2757



57.5806, 62.7561, 77.4849



63.0537, 62.7561, 63.8304

Square

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



57.5806, 62.7561, 77.4849



62.7639, 62.7561, 74.4975



61.7639, 62.7561, 59.9275



56.6365, 62.7561, 62.5140

Rectangle

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



57.5806, 62.7561, 77.4849



60.6557, 62.7561, 79.0775



61.7639, 62.7561, 59.9275



58.6511, 62.7561, 58.6045

Sweetspot

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



57.5824, 62.7587, 77.4863



90.3560, 96.0357, 108.3822



57.4967, 66.8227, 64.4001



19.1561, 20.3993, 23.1778



0.0000, 0.0000, 0.0000



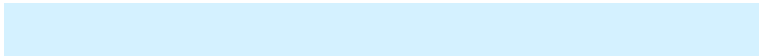
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5824, 62.7587, 77.4863



76.5618, 84.0876, 106.8030



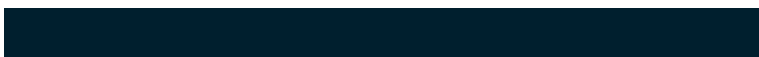
53.9561, 55.5060, 76.2775



13.0725, 14.0847, 16.6818



13.9990, 15.8675, 42.0633



0.9837, 1.1816, 2.7507

Inverse Universe

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



59.9916, 56.9036, 69.4525



80.5763, 74.5242, 93.3726



63.4953, 67.8533, 58.4668



13.4264, 13.1997, 15.5069



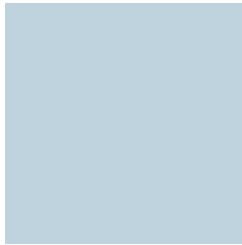
20.5614, 10.2256, 17.8682



1.3708, 0.6780, 1.3617

Previews

White Background



This preview shows how the XYZ color 57.5806, 62.7561, 77.4849 looks on a white background.

Color Contrast Check

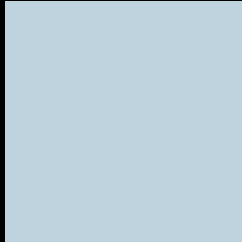
Large Text (above 18pt) WCAG AA × Fail

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 57.5806, 62.7561, 77.4849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

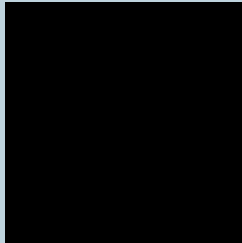
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

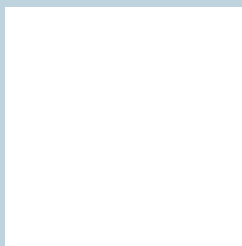
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5806, 62.7561, 77.4849

Background



This preview shows how black text looks on a background with the XYZ color 57.5806, 62.7561, 77.4849.



This preview shows how white text looks on a background with the XYZ color 57.5806, 62.7561,

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

57.5806, 62.7561, 77.4849

Protanopia

60.7386, 62.6145, 75.2142

Deuteranopia

63.7211, 62.3166, 78.4819



Tritanopia

58.3976, 62.7156, 81.7005

Trichromacy



Original Color

57.5806, 62.7561, 77.4849

Protanomaly

59.4295, 62.6437, 75.9770

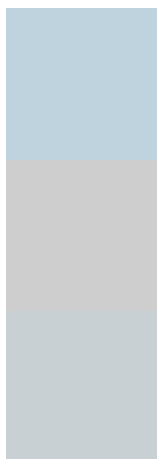
Deuteranomaly

61.3106, 62.4919, 77.9380

Tritanomaly

58.1231, 62.6058, 80.2549

Monochromacy



Original Color

57.5806, 62.7561, 77.4849

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.1332, 62.0943, 70.5495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5806, 62.7561, 77.4849 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(190, 211, 221)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 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(190, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 221) }
```

Border

The CSS property to change the border of an element to XYZ 57.5806, 62.7561, 77.4849 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(190, 211, 221) }
```


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

```
.border{ border-color:rgb(190, 211, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 211, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5806, 62.7561, 77.4849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 211, 221) }
```

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

```
.background{ background-color: rgb(190,  
211, 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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