

Converting Colors

XYZ(57.4850, 62.8021, 76.7443)

Have a look what the booklet for
XYZ(57.4850, 62.8021, 76.7443)
contains.

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Color

**XYZ(57.4477, 62.7030,
76.7852)**

Conversions

Conversions Part 1

Format	Color
Hex	BED3DC
RGB	190, 211, 220
RGB Percent	75%, 83%, 86%
CMY	0.2549, 0.1725, 0.1372
CMYK	0.14, 0.04, 0.00, 0.14
HSL	198°, 30%, 80%
HSV	198°, 14%, 86%
XYZ	57.4477, 62.7030, 76.7852
YIQ	205.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

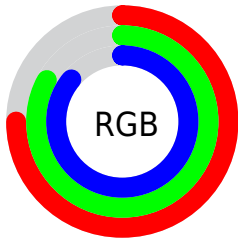
Format	Color
R _{YB}	190, 202, 220
Decimal	12506076
CIE _{Lab}	83.29, -5.21, -6.84
CIE _{LCh}	83, 8.595, 232.702
Yxy	62.7030, 0.2917, 0.3184
Android (android.graphics.Color)	4290696156 (0xFFBED3DC)
YUV	205.7470, 7.0267, -13.8101
Hunter-Lab	79.1852, -9.0751, -2.0633

Details

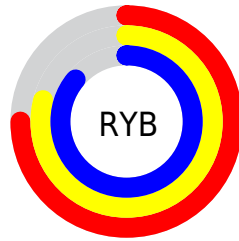
The XYZ color **57.4477, 62.7030, 76.7852** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2332, 59.7798, 57.1330**, and the grayscale version is **58.4695, 61.5145, 66.9893**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **29.0018, 32.0648, 40.2579** is the 20% darker color. If you saturate the color by 10%, you get **50.7570, 56.8718, 76.0133**, and if you desaturate by 10%, it is **65.0388, 69.1016, 77.6211**.

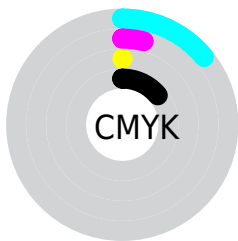
Distribution



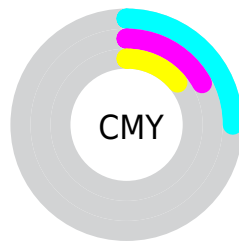
- Red (75%)
- Green (83%)
- Blue (86%)



- Red (75%)
- Yellow (79%)
- Blue (86%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4477, 62.7030, 76.7852 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 57.4477, 62.7030, 76.7852 by changing the saturation by 10% instead.

■ 57.4477, 62.7030,
76.7852

■ 57.4477, 62.7030,
76.7852

405.1119,
434.4908, 503.4496

■ 41.6063, 45.6010,
56.5661

■ 100.2457,
108.7409, 130.6065

■ 28.9829, 31.9311,
40.2499

127.9331,
138.4456, 165.0457

■ 19.2121, 21.3088,
27.4182

160.2999,
173.1200, 205.0621

■ 11.9286, 13.3499,
17.6523

197.7114,
213.1484, 251.0741

■ 6.7669, 7.6700,
10.5338

240.5330,
258.9153, 303.5003

■ 3.3618, 3.8845,
5.6441

289.1300,

■ 1.3478, 1.6092,

310.8051, 362.7592

2.5646

343.8679,
369.2021, 429.2695

■ 0.2186, 0.3638,
0.8741

■ 0.0000, 0.0000,
0.0000

■ 57.4477, 62.7030,
76.7852

■ 57.4477, 62.7030,
76.7852

■ 50.7570, 56.8718,
76.0133

■ 65.0388, 69.1016,
77.6211

■ 44.9233, 51.5795,
75.2992

■ 73.5603, 76.0791,
78.5188

■ 39.9078, 46.8065,
74.6423

■ 82.6778, 83.4661,
79.4641

■ 35.6663, 42.5287,
74.0402

■ 84.5573, 87.2251,
80.0906

■ 32.1504, 38.7200,
73.4903

■ 86.5072, 91.1248,
80.7405

■ 29.3055, 35.3510,
72.9900

■ 88.5280, 95.1666,
81.4142

■ 27.0688, 32.3880,
72.5360

■ 89.9185, 97.9474,
81.8776

■ 25.3644, 29.7905,
72.1244

■ 24.4780, 28.2865,
71.8808

Harmonies

Analogous

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



56.3455, 62.7030, 72.3195



57.4477, 62.7030, 76.7852



59.1423, 62.7030, 78.9904

Triad

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



57.4477, 62.7030, 76.7852



63.2307, 62.7030, 69.5877



58.2221, 62.7030, 59.2180

Complementary

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



57.4477, 62.7030, 76.7852



59.2332, 59.7798, 57.1330

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.



60.0546, 62.7030, 58.5715



57.4477, 62.7030, 76.7852



62.9719, 62.7030, 64.3802

Square

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



57.4477, 62.7030, 76.7852



62.4998, 62.7030, 74.6963



61.7999, 62.7030, 60.4142



56.7861, 62.7030, 62.2287

Rectangle

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



57.4477, 62.7030, 76.7852



60.3904, 62.7030, 78.8050



61.7999, 62.7030, 60.4142



58.8112, 62.7030, 58.7237

Sweetspot

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



57.4495, 62.7056, 76.7866



90.4283, 96.1803, 108.4063



57.0802, 66.2349, 63.5062



19.1744, 20.4360, 23.1839



0.0000, 0.0000, 0.0000



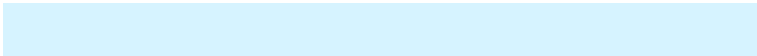
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4495, 62.7056, 76.7866



77.8201, 85.5064, 107.0106



54.0074, 55.8213, 75.6392



13.0981, 14.1359, 16.6903



14.4675, 16.8043, 42.2194



1.0113, 1.2368, 2.7599

Inverse Universe

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



59.6879, 56.7469, 69.4384



81.4793, 75.9113, 94.9654



62.7307, 66.7748, 58.2988



13.4394, 13.2048, 15.5749



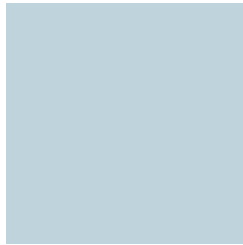
20.7978, 10.3202, 19.1132



1.3848, 0.6835, 1.4351

Previews

White Background



This preview shows how the XYZ color 57.4477, 62.7030, 76.7852 looks on a white background.

Color Contrast Check

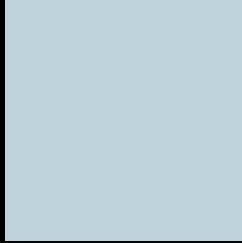
Large Text (above 18pt) WCAG AA × Fail

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 57.4477, 62.7030, 76.7852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

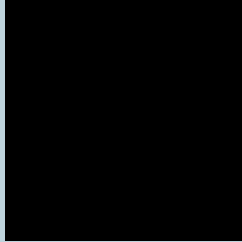
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

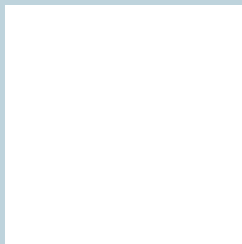
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4477, 62.7030, 76.7852

Background



This preview shows how black text looks on a background with the XYZ color 57.4477, 62.7030, 76.7852.



This preview shows how white text looks on a background with the XYZ color 57.4477, 62.7030,

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

57.4477, 62.7030, 76.7852

Protanopia

60.6081, 62.5623, 74.5270

Deuteranopia

63.8903, 62.4194, 77.7880



Tritanopia

58.3976, 62.7156, 81.7005

Trichromacy



Original Color

57.4477, 62.7030, 76.7852

Protanomaly

59.2982, 62.5912, 75.2856

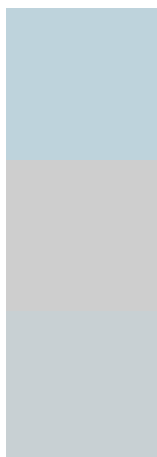
Deuteranomaly

61.4608, 62.5847, 77.2473

Tritanomaly

57.9870, 62.5514, 79.5384

Monochromacy



Original Color

57.4477, 62.7030, 76.7852

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 57.4477, 62.7030, 76.7852 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 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(190, 211, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 220) }
```

Border

The CSS property to change the border of an element to XYZ 57.4477, 62.7030, 76.7852 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, 220) }
```


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

```
.border{ border-color:rgb(190, 211, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 220);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4477, 62.7030, 76.7852 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, 220) }
```

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

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