

Converting Colors

XYZ(53.0441, 57.3986, 80.4555)

Have a look what the booklet for
XYZ(53.0441, 57.3986, 80.4555)
contains.

| | |
|--|----|
| XYZ(52.9879, 57.4330, 80.2444) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(52.9879, 57.4330,
80.2444)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B0CBE2 |
| RGB | 176, 203, 226 |
| RGB Percent | 69%, 80%, 89% |
| CMY | 0.3098, 0.2039, 0.1137 |
| CMYK | 0.22, 0.10, 0.00, 0.11 |
| HSL | 208°, 46%, 79% |
| HSV | 208°, 22%, 89% |
| XYZ | 52.9879, 57.4330, 80.2444 |
| YIQ | 197.5490, -23.4750, 1.4290 |

Conversions

Conversions Part 2

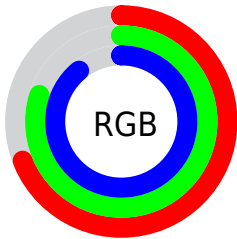
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 176, 194, 226 |
| Decimal | 11586530 |
| CIE Lab | 80.42, -4.10, -14.41 |
| CIE LCh | 80, 14.981, 254.108 |
| Yxy | 57.4330, 0.2779, 0.3012 |
| Android (android.graphics.Color) | 4289776610 (0xFFB0CBE2) |
| YUV | 197.5490, 14.0263, -18.8985 |
| Hunter-Lab | 75.7846, -7.8174, -9.7300 |

Details

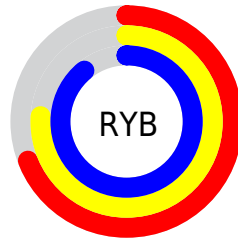
The XYZ color **52.9879, 57.4330, 80.2444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6245, 60.1503, 49.5432**, and the grayscale version is **53.3322, 56.1096, 61.1034**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **26.2665, 28.6461, 42.6729** is the 20% darker color. If you saturate the color by 10%, you get **45.9243, 50.2700, 79.2350**, and if you desaturate by 10%, it is **61.0703, 65.3685, 81.3511**.

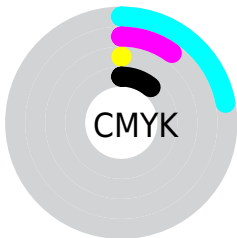
Distribution



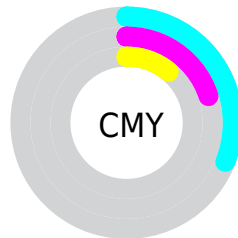
- Red (69%)
- Green (80%)
- Blue (89%)



- Red (69%)
- Yellow (76%)
- Blue (89%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9879, 57.4330, 80.2444 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 52.9879, 57.4330, 80.2444 by changing the saturation by 10% instead.

■ 52.9879, 57.4330,
80.2444

■ 52.9879, 57.4330,
80.2444

388.5003,
415.0698, 515.4846

■ 38.0206, 41.3530,
59.3921

■ 93.7522, 101.0967,
135.5238

■ 26.1759, 28.5950,
42.5068

120.2799,
129.4492, 170.7880

■ 17.0887, 18.7747,
29.1698

151.3917,
162.6613, 211.6933

■ 10.3934, 11.5076,
18.9626

187.4530,
201.1174, 258.6582

■ 5.7248, 6.4093,
11.4667

228.8291,
245.2019, 312.1012

■ 2.7176, 3.0955,
6.2636

275.8855,

■ 1.0062, 1.1818,

295.2992, 372.4409

2.9346

328.9874,
351.7937, 440.0959

■ 0.0000, 0.0468,
1.0614

■ 0.0000, 0.0000,
0.0000

■ 52.9879, 57.4330,
80.2444

■ 52.9879, 57.4330,
80.2444

■ 45.9243, 50.2700,
79.2350

■ 61.0703, 65.3685,
81.3511

■ 39.8290, 43.8443,
78.3160

■ 70.2086, 74.0958,
82.5540

■ 34.6548, 38.1282,
77.4854

■ 80.4442, 83.6423,
83.8571

■ 30.3480, 33.0890,
76.7397

■ 87.4944, 91.8045,
85.0610

■ 26.8490, 28.6906,
76.0752

■ 90.7210, 98.2577,
86.1366

■ 24.0895, 24.8924,
75.4875

■ 90.7276, 98.2711,
86.1388

■ 21.9879, 21.6468,
74.9718

■ 20.6935, 19.4228,
74.6107

Harmonies

Analogous

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



50.4586, 57.4330, 75.0550



52.9879, 57.4330, 80.2444



56.0399, 57.4330, 80.4053

Triad

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



52.9879, 57.4330, 80.2444



60.5158, 57.4330, 58.5037



50.5819, 57.4330, 51.1645

Complementary

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



52.9879, 57.4330, 80.2444



59.6245, 60.1503, 49.5432

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.



53.1620, 57.4330, 47.5301



52.9879, 57.4330, 80.2444



58.9375, 57.4330, 51.4906

Square

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



52.9879, 57.4330, 80.2444



60.4649, 57.4330, 67.2790



56.2207, 57.4330, 47.6436



49.1055, 57.4330, 58.0190

Rectangle

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



52.9879, 57.4330, 80.2444



57.9659, 57.4330, 77.6028



56.2207, 57.4330, 47.6436



51.3446, 57.4330, 49.5556

Sweetspot

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



52.9896, 57.4353, 80.2457



86.2217, 91.6434, 107.7523



55.3528, 67.7242, 63.8848



18.2992, 19.4665, 23.0429



0.0000, 0.0000, 0.0000



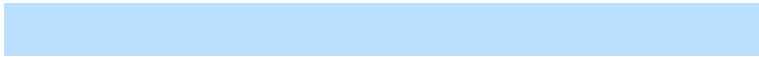
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9896, 57.4353, 80.2457



64.8127, 70.6310, 104.8249



47.6532, 46.7626, 78.4669



13.5622, 14.4635, 17.4646



11.9257, 11.3209, 42.6050



0.9159, 0.9633, 2.9829

Inverse Universe

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



57.6703, 51.5326, 63.4098



72.1947, 61.7867, 78.1681



65.7230, 72.3473, 51.5760



14.0152, 13.8237, 15.8503



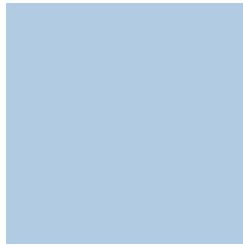
19.9597, 10.0509, 11.7196



1.4286, 0.7147, 1.0497

Previews

White Background



This preview shows how the XYZ color 52.9879, 57.4330, 80.2444 looks on a white background.

Color Contrast Check

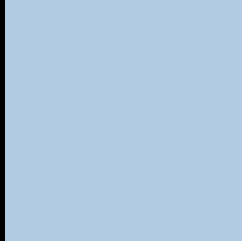
Large Text (above 18pt) WCAG AA × Fail

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 52.9879, 57.4330, 80.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

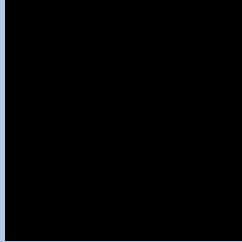
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

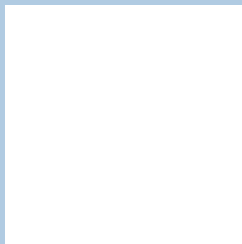
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9879, 57.4330, 80.2444

Background



This preview shows how black text looks on a background with the XYZ color 52.9879, 57.4330, 80.2444.



This preview shows how white text looks on a background with the XYZ color 52.9879, 57.4330,

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

52.9879, 57.4330, 80.2444

Protanopia

56.2783, 57.4516, 77.9351

Deuteranopia

58.4722, 57.1641, 81.3508



Tritanopia

52.1903, 57.4670, 76.0517

Trichromacy



Original Color

52.9879, 57.4330, 80.2444

Protanomaly

55.0951, 57.5092, 78.7176

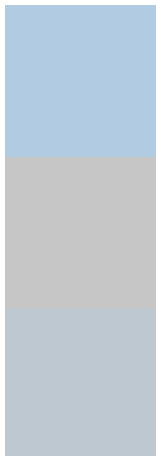
Deuteranomaly

56.0795, 56.9479, 80.7094

Tritanomaly

52.4569, 57.5736, 77.4553

Monochromacy



Original Color

52.9879, 57.4330, 80.2444

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2746, 56.8098, 67.8320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9879, 57.4330, 80.2444 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(176, 203, 226)` looks like.

```
.text, #text, p{  
    color:rgb(176, 203, 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(176, 203, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 203, 226) }
```

Border

The CSS property to change the border of an element to XYZ 52.9879, 57.4330, 80.2444 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(176, 203, 226) }
```


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

```
.border{ border-color:rgb(176, 203, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 203, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 203, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 203, 226);  
box-shadow:4px 4px 4px 4px rgb(176, 203,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9879, 57.4330, 80.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 203, 226) }
```

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

```
.background{ background-color: rgb(176,  
203, 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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