

Converting Colors

XYZ(50.0370, 56.9578, 81.0298)

Have a look what the booklet for
XYZ(50.0370, 56.9578, 81.0298)
contains.

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Color

**XYZ(50.0370, 56.9578,
81.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	9ECEEE3
RGB	158, 206, 227
RGB Percent	62%, 81%, 89%
CMY	0.3804, 0.1921, 0.1098
CMYK	0.30, 0.09, 0.00, 0.11
HSL	198°, 55%, 75%
HSV	198°, 30%, 89%
XYZ	50.0370, 56.9578, 81.0298
YIQ	194.0420, -35.3490, -3.6450

Conversions

Conversions Part 2

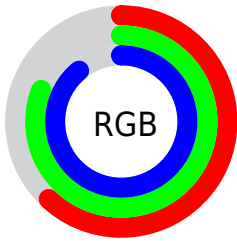
Format	Color
R_{YB}	158, 186, 227
Decimal	10407651
CIE _{Lab}	80.16, -10.74, -15.46
CIE _{LCh}	80, 18.820, 235.210
Yxy	56.9578, 0.2661, 0.3029
Android (android.graphics.Color)	4288597731 (0xFF9ECEEE3)
YUV	194.0420, 16.2483, -31.6088
Hunter-Lab	75.4704, -13.7274, -10.8282

Details

The XYZ color **50.0370, 56.9578, 81.0298** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.9710, 51.0402, 39.3563**, and the grayscale version is **51.2263, 53.8941, 58.6906**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **24.3836, 28.3781, 43.2221** is the 20% darker color. If you saturate the color by 10%, you get **44.3513, 51.6132, 80.2988**, and if you desaturate by 10%, it is **56.6240, 62.8783, 81.8264**.

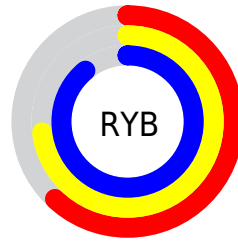
Distribution



Red (62%)

Green (81%)

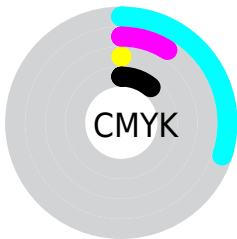
Blue (89%)



Red (62%)

Yellow (73%)

Blue (89%)

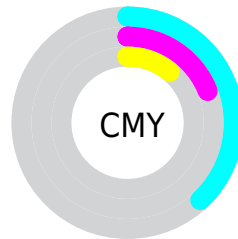


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0370, 56.9578, 81.0298 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 50.0370, 56.9578, 81.0298 by changing the saturation by 10% instead.

■ 50.0370, 56.9578,
81.0298

■ 50.0370, 56.9578,
81.0298

377.2602,
413.2912, 518.1946

■ 35.6607, 40.9714,
60.0350

■ 89.4212, 100.4036,
136.6371

■ 24.3412, 28.2967,
43.0214

■ 115.1598,
128.6318, 172.0866

■ 15.7130, 18.5494,
29.5704

145.4166,
161.7093, 213.1915

■ 9.4108, 11.3452,
19.2634

180.5569,
200.0206, 260.3702

■ 5.0694, 6.2995,
11.6820

220.9460,
243.9500, 314.0413

■ 2.3232, 3.0280,
6.4077

266.9494,

■ 0.8065, 1.1464,

293.8820, 374.6234

3.0217

318.9323,
350.2009, 442.5350

■ 0.0000, 0.0173,
1.1057

■ 0.0000, 0.0000,
0.0000

■ 50.0370, 56.9578,
81.0298

■ 50.0370, 56.9578,
81.0298

■ 44.3513, 51.6132,
80.2988

■ 56.6240, 62.8783,
81.8264

■ 39.5153, 46.8124,
79.6271

■ 64.1499, 69.3913,
82.6868

■ 35.4799, 42.5300,
79.0132

■ 72.6566, 76.5212,
83.6147

■ 32.1884, 38.7355,
78.4542

■ 82.1816, 84.2885,
84.6119

■ 29.5764, 35.3941,
77.9469

■ 86.4259, 89.4472,
85.3840

■ 27.5670, 32.4647,
77.4874

■ 88.5046, 93.6046,
86.0769

■ 26.0787, 29.9728,
77.0849

■ 90.6616, 97.9187,
86.7959

■ 90.8653, 98.3261,
86.8638

Harmonies

Analogous

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



47.7348, 56.9578, 71.4553



50.0370, 56.9578, 81.0298



53.5232, 56.9578, 85.5347

Triad

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



50.0370, 56.9578, 81.0298



61.8231, 56.9578, 63.7978



51.0559, 56.9578, 44.8040

Complementary

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



50.0370, 56.9578, 81.0298



53.9710, 51.0402, 39.3563

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.



54.7548, 56.9578, 43.2618



50.0370, 56.9578, 81.0298



61.0868, 56.9578, 53.4493

Square

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



50.0370, 56.9578, 81.0298



60.4218, 56.9578, 74.8654



58.4544, 56.9578, 46.2390



48.3033, 56.9578, 50.7303

Rectangle

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



50.0370, 56.9578, 81.0298



56.0946, 56.9578, 84.7120



58.4544, 56.9578, 46.2390



52.2248, 56.9578, 43.7878

Sweetspot

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



50.0387, 56.9601, 81.0311



84.9172, 91.5288, 107.7989



49.6772, 65.4510, 52.5053



17.8465, 19.3112, 23.0368



0.0000, 0.0000, 0.0000



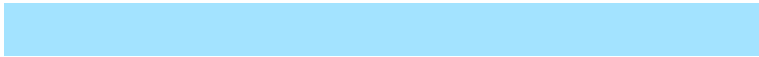
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0387, 56.9601, 81.0311



60.6817, 70.0006, 104.9209



42.6815, 42.2456, 78.5787



14.4179, 15.5572, 18.3873



15.3163, 17.6948, 44.9913



1.2128, 1.4695, 3.3517

Inverse Universe

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



55.0474, 45.2423, 64.2264



68.2466, 53.0750, 79.3666



61.6958, 66.4899, 41.9313



14.7985, 14.5366, 17.1394



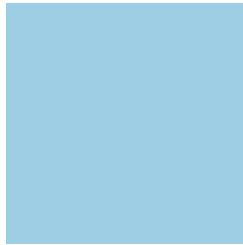
22.1245, 10.9840, 20.0823



1.6758, 0.8280, 1.6992

Previews

White Background



This preview shows how the XYZ color 50.0370, 56.9578, 81.0298 looks on a white background.

Color Contrast Check

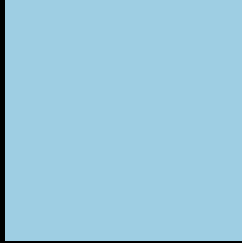
Large Text (above 18pt) WCAG AA × Fail

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 50.0370, 56.9578, 81.0298 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 50.0370, 56.9578, 81.0298

Background



This preview shows how black text looks on a background with the XYZ color 50.0370, 56.9578, 81.0298.



This preview shows how white text looks on a background with the XYZ color 50.0370, 56.9578,

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

50.0370, 56.9578, 81.0298

Protanopia

55.5231, 56.7551, 76.4351

Deuteranopia

57.7100, 56.4097, 82.7094



Tritanopia

49.5367, 57.1215, 78.2267

Trichromacy



Original Color

50.0370, 56.9578, 81.0298

Protanomaly

53.2650, 56.5813, 77.9260

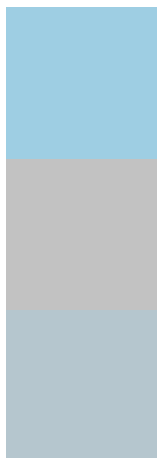
Deuteranomaly

54.5866, 56.4844, 82.1543

Tritanomaly

49.6720, 57.1756, 78.9390

Monochromacy



Original Color

50.0370, 56.9578, 81.0298

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.3907, 54.6682, 66.2887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0370, 56.9578, 81.0298 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(158, 206, 227)` looks like.

```
.text, #text, p{  
    color:rgb(158, 206, 227)  
}
```

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(158, 206, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 206, 227) }
```

Border

The CSS property to change the border of an element to XYZ 50.0370, 56.9578, 81.0298 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(158, 206, 227) }
```


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

```
.border{ border-color:rgb(158, 206, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 206, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 206, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 206, 227);  
box-shadow:4px 4px 4px 4px rgb(158, 206,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0370, 56.9578, 81.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 206, 227) }
```

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

```
.background{ background-color: rgb(158,  
206, 227) }
```

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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