

Converting Colors

XYZ(51.8115, 60.4933, 78.7577)

Have a look what the booklet for
XYZ(51.8115, 60.4933, 78.7577)
contains.

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Color

**XYZ(51.8115, 60.4933,
78.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D5DF
RGB	161, 213, 223
RGB Percent	63%, 84%, 87%
CMY	0.3686, 0.1647, 0.1255
CMYK	0.28, 0.04, 0.00, 0.13
HSL	190°, 49%, 75%
HSV	190°, 28%, 87%
XYZ	51.8115, 60.4933, 78.7577
YIQ	198.5920, -34.2020, -7.9140

Conversions

Conversions Part 2

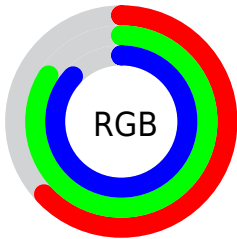
Format	Color
RYB	161, 189, 223
Decimal	10606047
CIELab	82.11, -14.42, -10.38
CIELCh	82, 17.774, 215.749
Yxy	60.4933, 0.2712, 0.3166
Android (android.graphics.Color)	4288796127 (0xFFA1D5DF)
YUV	198.5920, 12.0331, -32.9682
Hunter-Lab	77.7774, -17.2026, -5.5930

Details

The XYZ color **51.8115, 60.4933, 78.7577** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.4281, 47.3875, 40.1557**, and the grayscale version is **53.9822, 56.7935, 61.8481**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **25.3581, 30.4067, 41.5783** is the 20% darker color. If you saturate the color by 10%, you get **46.8181, 56.5927, 78.2690**, and if you desaturate by 10%, it is **57.6300, 64.8521, 79.2934**.

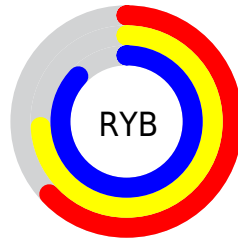
Distribution



Red (63%)

Green (84%)

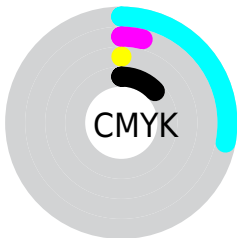
Blue (87%)



Red (63%)

Yellow (74%)

Blue (87%)

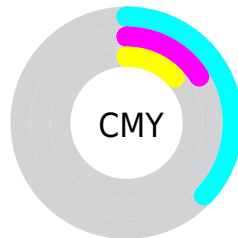


Cyan (28%)

Magenta (4%)

Yellow (0%)

Black (13%)



Cyan (37%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8115, 60.4933, 78.7577 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 51.8115, 60.4933, 78.7577 by changing the saturation by 10% instead.

■ 51.8115, 60.4933,
78.7577

■ 51.8115, 60.4933,
78.7577

384.0444,
426.4137, 510.3322

■ 37.0785, 43.8164,
58.1765

■ 92.0291, 105.5449,
133.4133

■ 25.4422, 30.5262,
41.5349

■ 118.2443,
134.6884, 168.3247

■ 16.5373, 20.2383,
28.4144

149.0178,
168.7562, 208.8499

■ 9.9984, 12.5684,
18.3965

184.7147,
208.1327, 255.4075

■ 5.4602, 7.1320,
11.0627

225.7004,
253.2023, 308.4160

■ 2.5572, 3.5448,
5.9943

272.3404,

■ 0.9242, 1.4223,

304.3494, 368.2939

2.7729

324.9999,
361.9584, 435.4598

■ 0.0000, 0.2331,
0.9799

■ 0.0000, 0.0000,
0.0000

■ 51.8115, 60.4933,
78.7577

■ 51.8115, 60.4933,
78.7577

■ 46.8181, 56.5927,
78.2690

■ 57.6300, 64.8521,
79.2934

■ 42.6017, 53.1207,
77.8211

■ 64.3077, 69.6822,
79.8737

■ 39.1174, 50.0555,
77.4131

■ 71.8835, 75.0055,
80.5019

■ 36.3134, 47.3703,
77.0425

■ 80.3921, 80.8400,
81.1797

■ 34.1310, 45.0345,
76.7067

■ 83.1309, 83.7306,
81.5932

■ 32.5012, 43.0123,
76.4023

■ 84.1476, 85.7641,
81.9322

■ 31.3283, 41.2543,
76.1248

■ 85.1852, 87.8392,
82.2780

■ 31.0987, 40.8863,
76.0659

■ 86.2437, 89.9562,
82.6308

■ 87.3232, 92.1153,
82.9907

Harmonies

Analogous

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



50.5810, 60.4933, 67.9688



51.8115, 60.4933, 78.7577



54.5704, 60.4933, 86.6698

Triad

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



51.8115, 60.4933, 78.7577



64.3639, 60.4933, 74.7686



56.7739, 60.4933, 47.2925

Complementary

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



51.8115, 60.4933, 78.7577



51.4281, 47.3875, 40.1557

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.



60.5266, 60.4933, 48.6915



51.8115, 60.4933, 78.7577



65.0165, 60.4933, 63.8088

Square

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



51.8115, 60.4933, 78.7577



61.8377, 60.4933, 84.1962



63.5841, 60.4933, 54.4656



53.3645, 60.4933, 50.4118

Rectangle

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



51.8115, 60.4933, 78.7577



56.9613, 60.4933, 88.8189



63.5841, 60.4933, 54.4656



58.0361, 60.4933, 47.2545

Sweetspot

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



51.8133, 60.4957, 78.7591



86.8986, 94.2532, 108.2204



48.3710, 63.2673, 47.8429



18.2908, 19.9532, 23.1373



0.0000, 0.0000, 0.0000



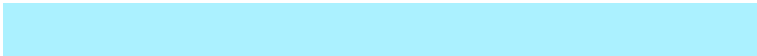
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8133, 60.4957, 78.7591



66.3949, 79.0269, 106.3621



44.8902, 46.6495, 76.4514



13.9186, 15.1762, 17.5834



18.3553, 24.1802, 44.7482



1.3233, 1.7780, 3.1187

Inverse Universe

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



55.1880, 45.9833, 68.9205



71.7162, 56.7058, 90.7222



57.8223, 60.1758, 42.2871



14.1951, 13.8957, 16.7976



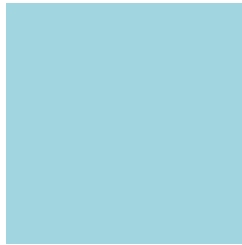
23.2051, 11.3490, 28.8096



1.6342, 0.7970, 2.1325

Previews

White Background



This preview shows how the XYZ color 51.8115, 60.4933, 78.7577 looks on a white background.

Color Contrast Check

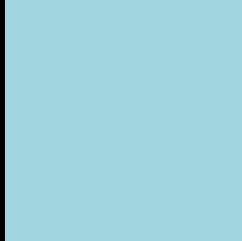
Large Text (above 18pt) WCAG AA × Fail

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 51.8115, 60.4933, 78.7577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

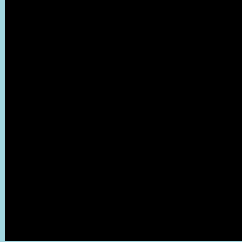
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8115, 60.4933, 78.7577

Background



This preview shows how black text looks on a background with the XYZ color 51.8115, 60.4933, 78.7577.

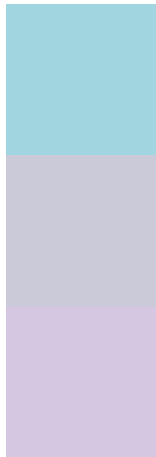


This preview shows how white text looks on a background with the XYZ color 51.8115, 60.4933,

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

51.8115, 60.4933, 78.7577

Protanopia

58.1438, 59.8954, 73.4622

Deuteranopia

61.3621, 60.0253, 80.3034



Tritanopia

52.5866, 60.4255, 83.0204

Trichromacy



Original Color

51.8115, 60.4933, 78.7577

Protanomaly

55.5965, 59.9485, 75.6588

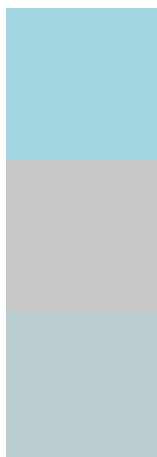
Deuteranomaly

57.1947, 59.6174, 79.7270

Tritanomaly

52.3089, 60.3144, 81.5579

Monochromacy



Original Color

51.8115, 60.4933, 78.7577

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.9856, 58.0541, 68.0874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8115, 60.4933, 78.7577 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(161, 213, 223)` looks like.

```
.text, #text, p{  
    color:rgb(161, 213, 223)  
}
```

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(161, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 213, 223) }
```

Border

The CSS property to change the border of an element to XYZ 51.8115, 60.4933, 78.7577 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(161, 213, 223) }
```


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

```
.border{ border-color:rgb(161, 213, 223) }
```

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

Here you see how a box with a 4 pixel rgb(161, 213, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(161, 213,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8115, 60.4933, 78.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 213, 223) }
```

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

```
.background{ background-color: rgb(161,  
213, 223) }
```

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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