

Converting Colors

XYZ(50.5174, 58.7466, 77.3647)

Have a look what the booklet for
XYZ(50.5174, 58.7466, 77.3647)
contains.

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Color

**XYZ(50.3958, 58.6846,
77.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD2DD
RGB	159, 210, 221
RGB Percent	62%, 82%, 87%
CMY	0.3765, 0.1765, 0.1333
CMYK	0.28, 0.05, 0.00, 0.13
HSL	191°, 48%, 75%
HSV	191°, 28%, 87%
XYZ	50.3958, 58.6846, 77.0777
YIQ	196.0050, -33.9270, -7.3910

Conversions

Conversions Part 2

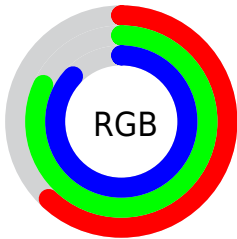
Format	Color
R_{YB}	159, 187, 221
Decimal	10474205
CIE _{Lab}	81.12, -13.92, -10.80
CIE _{LCh}	81, 17.621, 217.805
Yxy	58.6846, 0.2707, 0.3152
Android (android.graphics.Color)	4288664285 (0xFF9FD2DD)
YUV	196.0050, 12.3225, -32.4534
Hunter-Lab	76.6059, -16.6326, -6.0311

Details

The XYZ color **50.3958, 58.6846, 77.0777** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4522, 46.6251, 39.1426**, and the grayscale version is **52.4168, 55.1465, 60.0546**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **24.4300, 29.1991, 40.4248** is the 20% darker color. If you saturate the color by 10%, you get **45.4434, 54.7137, 76.5732**, and if you desaturate by 10%, it is **56.1589, 63.1115, 77.6294**.

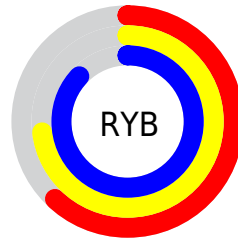
Distribution



Red (62%)

Green (82%)

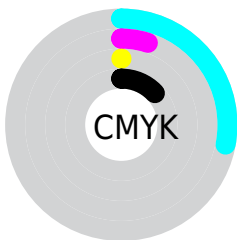
Blue (87%)



Red (62%)

Yellow (73%)

Blue (87%)

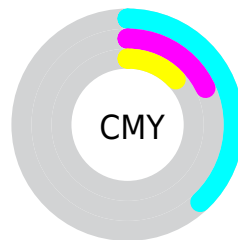


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (13%)



Cyan (38%)


Magenta (18%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3958, 58.6846, 77.0777 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 50.3958, 58.6846, 77.0777 by changing the saturation by 10% instead.


 50.3958, 58.6846,
77.0777


 50.3958, 58.6846,
77.0777


378.6382,
419.7321, 504.4736

 35.9471, 42.3593,
56.8047


 89.9494, 102.9191,
131.0232

 24.5632, 29.3827,
40.4402


 115.7849,
131.5971, 165.5327

 15.8790, 19.3705,
27.5655


146.1467,
165.1614, 205.6249

 9.5288, 11.9383,
17.7622

181.4003,
203.9965, 251.7182

 5.1476, 6.7017,
10.6117

221.9108,
248.4867, 304.2312

 2.3697, 3.2762,
5.6955

268.0438,

 0.8300, 1.2776,

299.0165, 363.5824

2.5951

320.1644,
355.9701, 430.1903

■ 0.0000, 0.1238,
0.8899

■ 0.0000, 0.0000,
0.0000

■ 50.3958, 58.6846,
77.0777

■ 50.3958, 58.6846,
77.0777

■ 45.4434, 54.7137,
76.5732

■ 56.1589, 63.1115,
77.6294

■ 41.2546, 51.1700,
76.1100

■ 62.7663, 68.0077,
78.2262

■ 37.7853, 48.0319,
75.6872

■ 70.2560, 73.3943,
78.8712

■ 34.9847, 45.2730,
75.3022

■ 78.6621, 79.2894,
79.5660

■ 32.7951, 42.8632,
74.9525

■ 82.4782, 82.8543,
80.0530

■ 31.1486, 40.7674,
74.6347

■ 83.5790, 85.0559,
80.4199

■ 29.9487, 38.9354,
74.3444

■ 84.7045, 87.3068,
80.7951

■ 29.7384, 38.5947,
74.2897

■ 85.8547, 89.6074,
81.1785

■ 87.0300, 91.9579,
81.5702

Harmonies

Analogous

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



49.0865, 58.6846, 66.6765



50.3958, 58.6846, 77.0777



53.1593, 58.6846, 84.4544

Triad

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



50.3958, 58.6846, 77.0777



62.5572, 58.6846, 71.8248



54.8268, 58.6846, 45.9232

Complementary

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



50.3958, 58.6846, 77.0777



50.4522, 46.6251, 39.1426

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.



58.4813, 58.6846, 46.9805



50.3958, 58.6846, 77.0777



63.0514, 58.6846, 61.1969

Square

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



50.3958, 58.6846, 77.0777



60.2079, 58.6846, 81.1977



61.5303, 58.6846, 52.3127



51.5708, 58.6846, 49.2477

Rectangle

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



50.3958, 58.6846, 77.0777



55.5086, 58.6846, 86.2493



61.5303, 58.6846, 52.3127



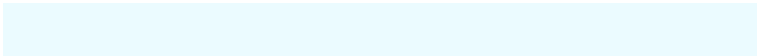
56.0481, 58.6846, 45.7852

Sweetspot

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



50.3976, 58.6870, 77.0790



86.7955, 94.0471, 108.1860



47.3484, 61.9620, 47.1660



18.2647, 19.9010, 23.1286



0.0000, 0.0000, 0.0000



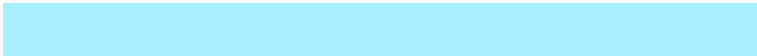
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3976, 58.6870, 77.0790



65.3111, 77.6752, 106.1583



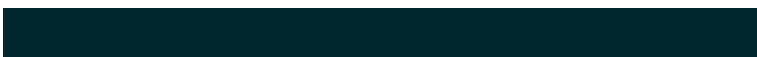
43.6044, 45.1007, 74.8147



13.2382, 14.4161, 16.7370



17.3505, 22.5704, 43.1805



1.1766, 1.5673, 2.8149

Inverse Universe

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



53.8512, 44.8229, 66.7889



70.9700, 55.6449, 89.1434



56.8094, 59.3396, 41.2616



13.5101, 13.2331, 15.9474



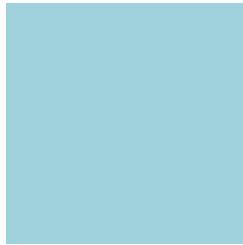
22.2531, 10.9023, 26.7763



1.4682, 0.7169, 1.8743

Previews

White Background



This preview shows how the XYZ color 50.3958, 58.6846, 77.0777 looks on a white background.

Color Contrast Check

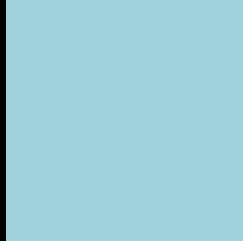
Large Text (above 18pt) WCAG AA × Fail

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 50.3958, 58.6846, 77.0777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

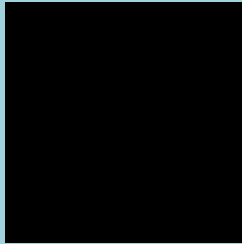
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3958, 58.6846, 77.0777

Background



This preview shows how black text looks on a background with the XYZ color 50.3958, 58.6846, 77.0777.

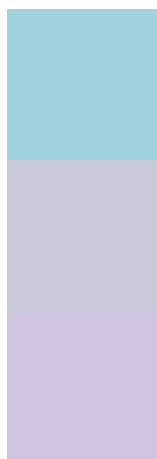


This preview shows how white text looks on a background with the XYZ color 50.3958, 58.6846,

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

50.3958, 58.6846, 77.0777

Protanopia

56.7394, 58.4942, 72.5900

Deuteranopia

59.5480, 58.1137, 78.5996



Tritanopia

51.0251, 58.5655, 80.5665

Trichromacy



Original Color

50.3958, 58.6846, 77.0777

Protanomaly

54.1248, 58.5098, 74.0865

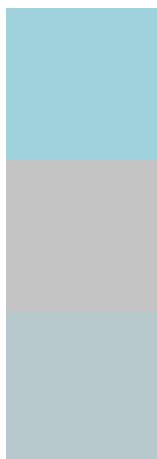
Deuteranomaly

55.4594, 57.7126, 78.0287

Tritanomaly

50.7522, 58.4563, 79.1293

Monochromacy



Original Color

50.3958, 58.6846, 77.0777

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.4345, 56.2483, 65.9037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3958, 58.6846, 77.0777 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(159, 210, 221)` looks like.

```
.text, #text, p{  
    color:rgb(159, 210, 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(159, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 210, 221) }
```

Border

The CSS property to change the border of an element to XYZ 50.3958, 58.6846, 77.0777 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(159, 210, 221) }
```


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

```
.border{ border-color:rgb(159, 210, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 210, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(159, 210,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3958, 58.6846, 77.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 210, 221) }
```

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

```
.background{ background-color: rgb(159,  
210, 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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