

Converting Colors

XYZ(51.1593, 62.0568, 68.5615)

Have a look what the booklet for
XYZ(51.1593, 62.0568, 68.5615)
contains.

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Color

**XYZ(50.9756, 61.8121,
68.2757)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D9CF
RGB	162, 217, 207
RGB Percent	64%, 85%, 81%
CMY	0.3647, 0.1490, 0.1882
CMYK	0.25, 0.00, 0.05, 0.15
HSL	169°, 42%, 74%
HSV	169°, 25%, 85%
XYZ	50.9756, 61.8121, 68.2757
YIQ	199.4150, -29.5700, -14.7700

Conversions

Conversions Part 2

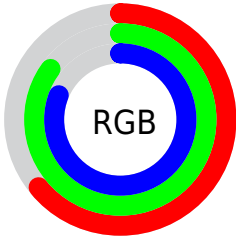
Format	Color
RYB	162, 192, 217
Decimal	10672591
CIELab	82.81, -19.68, -0.82
CIELCh	83, 19.701, 182.377
Yxy	61.8121, 0.2815, 0.3414
Android (android.graphics.Color)	4288862671 (0xFFA2D9CF)
YUV	199.4150, 3.7394, -32.8130
Hunter-Lab	78.6207, -21.8514, 3.5459

Details

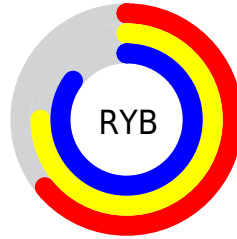
The XYZ color **50.9756, 61.8121, 68.2757** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9841, 43.5725, 44.8608**, and the grayscale version is **54.5324, 57.3724, 62.4785**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **24.9768, 31.3918, 34.8798** is the 20% darker color. If you saturate the color by 10%, you get **46.4662, 59.5441, 65.5785**, and if you desaturate by 10%, it is **56.2613, 64.4821, 71.0749**.

Distribution



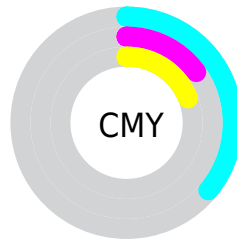
- Red (64%)
- Green (85%)
- Blue (81%)



- Red (64%)
- Yellow (75%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9756, 61.8121, 68.2757 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 50.9756, 61.8121, 68.2757 by changing the saturation by 10% instead.

■ 50.9756, 61.8121,
68.2757

■ 50.9756, 61.8121,
68.2757

380.8582,
431.2454, 473.0968

■ 36.4102, 44.8809,
49.6540

■ 90.8019, 107.4539,
118.4044

■ 24.9227, 31.3636,
34.7693

■ 116.7935,
136.9333, 150.7485

■ 16.1479, 20.8759,
23.2031

147.3245,
171.3642, 188.5037

■ 9.7204, 13.0333,
14.5368

182.7602,
211.1311, 232.0887

■ 5.2748, 7.4515,
8.3520

223.4662,
256.6182, 281.9220

■ 2.4458, 3.7460,
4.2300

269.8075,

■ 0.8680, 1.5325,

308.2100, 338.4220

1.7523

322.1498,
366.2909, 402.0075

■ 0.0000, 0.3115,
0.3962

■ 0.0000, 0.0000,
0.0000

■ 50.9756, 61.8121,
68.2757

■ 50.9756, 61.8121,
68.2757

■ 46.4662, 59.5441,
65.5785

■ 56.2613, 64.4821,
71.0749

■ 42.6885, 57.6503,
62.9767


■ 62.3543, 67.5654,
73.9739


■ 39.6018, 56.1114,
60.4692


■ 69.2904, 71.0818,
76.9763


■ 37.1590, 54.9030,
58.0536


■ 77.1016, 75.0479,
80.0839


 35.3071, 53.9979,
55.7267


 79.8824, 76.4193,
83.0208


 33.9843, 53.3642,
53.4852


 80.4327, 76.6394,
85.9185

 33.1152, 52.9630,
51.3251

 80.9955, 76.8646,
88.8824

 32.8037, 52.8238,
50.3446

 81.5710, 77.0948,
91.9128

 82.1592, 77.3300,
95.0103

Harmonies

Analogous

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



51.8192, 61.8121, 57.0472



50.9756, 61.8121, 68.2757



52.1307, 61.8121, 80.5957

Triad

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



50.9756, 61.8121, 68.2757



63.2251, 61.8121, 89.0103



62.6122, 61.8121, 48.6630

Complementary

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



50.9756, 61.8121, 68.2757



48.9841, 43.5725, 44.8608

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.



65.9083, 61.8121, 55.5584



50.9756, 61.8121, 68.2757



66.2740, 61.8121, 78.7194

Square

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



50.9756, 61.8121, 68.2757



59.0893, 61.8121, 93.4304



67.2784, 61.8121, 66.3393



58.4131, 61.8121, 46.5660

Rectangle

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



50.9756, 61.8121, 68.2757



53.9128, 61.8121, 87.5413



67.2784, 61.8121, 66.3393



63.8693, 61.8121, 50.4520

Sweetspot

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



50.9774, 61.8146, 68.2771



87.3474, 96.0975, 105.4516



48.3679, 61.0170, 43.4116



18.4048, 20.4214, 22.4345



0.0000, 0.0000, 0.0000



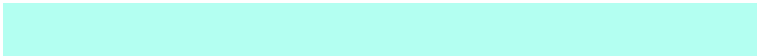
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9774, 61.8146, 68.2771



70.1253, 87.4003, 96.4616



47.9844, 53.8091, 73.5058



13.3380, 14.7868, 16.2427



19.8928, 31.9897, 30.6643



1.3158, 2.0833, 2.1289

Inverse Universe

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



48.9841, 43.5725, 44.8608



66.8203, 57.1242, 57.6134



51.3426, 49.7697, 41.0839



13.1523, 13.0900, 14.0631



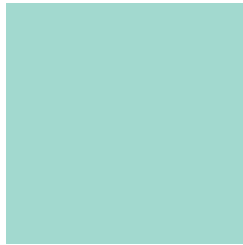
17.5766, 9.0317, 2.1505



1.1679, 0.5968, 0.2933

Previews

White Background



This preview shows how the XYZ color 50.9756, 61.8121, 68.2757 looks on a white background.

Color Contrast Check

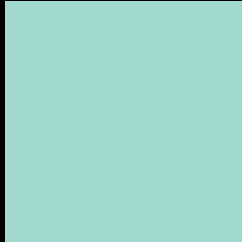
Large Text (above 18pt) WCAG AA × Fail

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 50.9756, 61.8121, 68.2757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

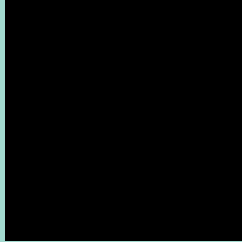
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

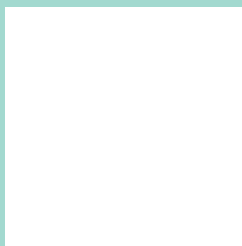
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9756, 61.8121, 68.2757

Background



This preview shows how black text looks on a background with the XYZ color 50.9756, 61.8121, 68.2757.

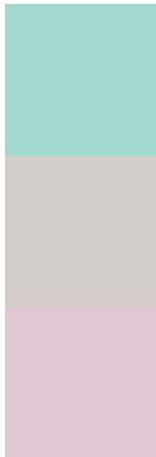


This preview shows how white text looks on a background with the XYZ color 50.9756, 61.8121,

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

50.9756, 61.8121, 68.2757

Protanopia

58.8350, 61.5344, 63.4200

Deuteranopia

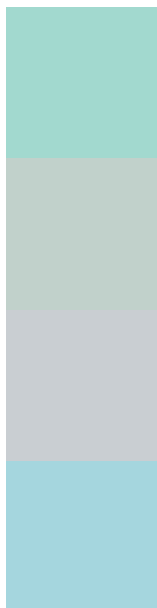
62.6127, 61.2380, 70.1481



Tritanopia

54.1544, 61.5735, 84.6319

Trichromacy



Original Color

50.9756, 61.8121, 68.2757

Protanomaly

55.5723, 61.2502, 65.3934

Deuteranomaly

57.7916, 61.2133, 69.7422

Tritanomaly

52.7484, 61.3664, 78.1720

Monochromacy



Original Color

50.9756, 61.8121, 68.2757

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.9817, 58.8460, 64.4431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9756, 61.8121, 68.2757 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(162, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(162, 217, 207)  
}
```

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(162, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 217, 207) }
```

Border

The CSS property to change the border of an element to XYZ 50.9756, 61.8121, 68.2757 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(162, 217, 207) }
```


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

```
.border{ border-color:rgb(162, 217, 207) }
```

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

Here you see how a box with a 4 pixel rgb(162, 217, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(162, 217,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9756, 61.8121, 68.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 217, 207) }
```

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

```
.background{ background-color: rgb(162,  
217, 207) }
```

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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