

Converting Colors

XYZ(50.4965, 61.1395, 67.5504)

Have a look what the booklet for
XYZ(50.4965, 61.1395, 67.5504)
contains.

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Color

**XYZ(50.5967, 61.2493,
67.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D8CE
RGB	162, 216, 206
RGB Percent	64%, 85%, 81%
CMY	0.3647, 0.1529, 0.1922
CMYK	0.25, 0.00, 0.05, 0.15
HSL	169°, 41%, 74%
HSV	169°, 25%, 85%
XYZ	50.5967, 61.2493, 67.5481
YIQ	198.7140, -28.9740, -14.5580

Conversions

Conversions Part 2

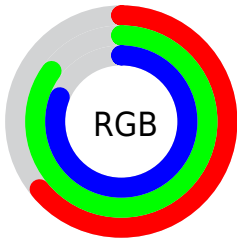
Format	Color
RYB	162, 192, 216
Decimal	10672334
CIELab	82.51, -19.40, -0.73
CIELCh	83, 19.410, 182.142
Yxy	61.2493, 0.2820, 0.3414
Android (android.graphics.Color)	4288862414 (0xFFA2D8CE)
YUV	198.7140, 3.5920, -32.1982
Hunter-Lab	78.2619, -21.5573, 3.6100

Details

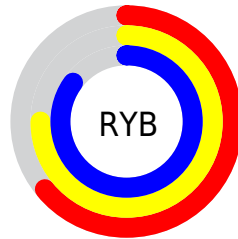
The XYZ color **50.5967, 61.2493, 67.5481** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6877, 43.4197, 44.8469**, and the grayscale version is **54.1041, 56.9218, 61.9878**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **24.7190, 31.0079, 34.3881** is the 20% darker color. If you saturate the color by 10%, you get **46.1007, 58.9886, 64.8337**, and if you desaturate by 10%, it is **55.8622, 63.9085, 70.3658**.

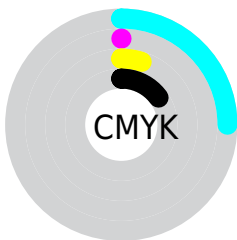
Distribution



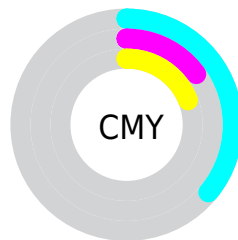
- Red (64%)
- Green (85%)
- Blue (81%)



- 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 50.5967, 61.2493, 67.5481 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 50.5967, 61.2493, 67.5481 by changing the saturation by 10% instead.


 50.5967, 61.2493,
67.5481


 50.5967, 61.2493,
67.5481


379.4084,
429.1875, 470.4478

 36.1075, 44.4264,
49.0658


 90.2449, 106.6398,
117.3535

 24.6877, 31.0059,
34.3057


 116.1346,
135.9762, 149.5137

 15.9720, 20.6033,
22.8493


146.5551,
170.2526, 187.0703

 9.5951, 12.8343,
14.2780

181.8719,
209.8533, 230.4418

 5.1915, 7.3146,
8.1733

222.4503,
255.1627, 280.0467

 2.3960, 3.6596,
4.1167

268.6556,

 0.8431, 1.4850,

306.5653, 336.3037

1.6896

320.8531,
364.4454, 399.6312

■ 0.0000, 0.2782,
0.3536

■ 0.0000, 0.0000,
0.0000

■ 50.5967, 61.2493,
67.5481

■ 50.5967, 61.2493,
67.5481

■ 46.1007, 58.9886,
64.8337

■ 55.8622, 63.9085,
70.3658

■ 42.3305, 57.0990,
62.2160

■ 61.9279, 66.9771,
73.2846

■ 39.2456, 55.5613,
59.6941

■ 68.8290, 70.4750,
76.3081

■ 36.7998, 54.3517,
57.2652

■ 76.5973, 74.4185,
79.4382

■ 34.9408, 53.4432,
54.9265

■ 79.5253, 75.8652,
82.4082

■ 33.6082, 52.8046,
52.6746

■ 80.0809, 76.0875,
85.3340

■ 32.7277, 52.3978,
50.5056

■ 80.6494, 76.3149,
88.3278

■ 32.3929, 52.2483,
49.4490

■ 81.2309, 76.5475,
91.3900

■ 81.8255, 76.7853,
94.5209

Harmonies

Analogous

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



51.4389, 61.2493, 56.5665



50.5967, 61.2493, 67.5481



51.7141, 61.2493, 79.6084

Triad

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



50.5967, 61.2493, 67.5481



62.5670, 61.2493, 87.9834



62.0264, 61.2493, 48.4496

Complementary

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



50.5967, 61.2493, 67.5481



48.6877, 43.4197, 44.8469

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.



65.2405, 61.2493, 55.2508



50.5967, 61.2493, 67.5481



65.5628, 61.2493, 77.9548

Square

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



50.5967, 61.2493, 67.5481



58.5145, 61.2493, 92.2464



66.5634, 61.2493, 65.8393



57.9178, 61.2493, 46.3521

Rectangle

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



50.5967, 61.2493, 67.5481



53.4523, 61.2493, 86.4194



66.5634, 61.2493, 65.8393



63.2539, 61.2493, 50.2182

Sweetspot

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



50.5985, 61.2518, 67.5495



87.3365, 96.0932, 105.3946



48.2687, 60.5843, 43.3334



18.4020, 20.4203, 22.4200



0.0000, 0.0000, 0.0000



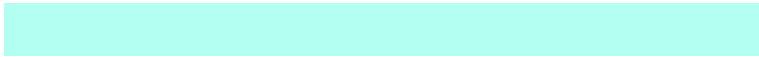
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5985, 61.2518, 67.5495



70.0869, 87.3850, 96.2591



47.9048, 53.8573, 72.8392



12.6889, 14.0666, 15.4423



19.2097, 30.9392, 29.4637



1.1848, 1.8766, 1.9149

Inverse Universe

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



48.6877, 43.4197, 44.8469



66.8489, 57.1357, 57.7642



50.8027, 49.1298, 40.9889



12.5163, 12.4580, 13.3930



17.0179, 8.7435, 2.1321



1.0550, 0.5388, 0.2790

Previews

White Background



This preview shows how the XYZ color 50.5967, 61.2493, 67.5481 looks on a white background.

Color Contrast Check

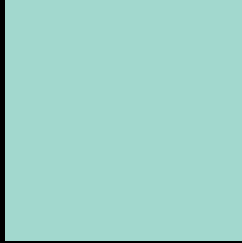
Large Text (above 18pt) WCAG AA × Fail

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 50.5967, 61.2493, 67.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

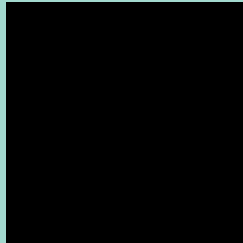
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

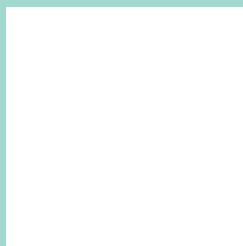
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5967, 61.2493, 67.5481

Background



This preview shows how black text looks on a background with the XYZ color 50.5967, 61.2493, 67.5481.

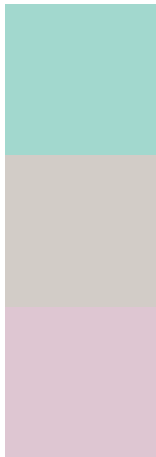


This preview shows how white text looks on a background with the XYZ color 50.5967, 61.2493,

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

50.5967, 61.2493, 67.5481

Protanopia

58.4800, 61.0109, 62.7269

Deuteranopia

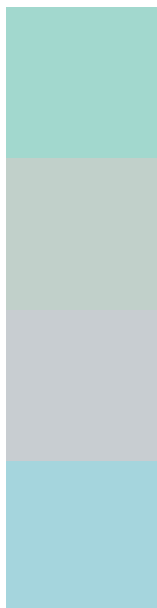
61.9511, 60.5709, 69.3989



Tritanopia

53.6227, 60.9596, 83.0689

Trichromacy



Original Color

50.5967, 61.2493, 67.5481

Protanomaly

55.2089, 60.7135, 64.6862

Deuteranomaly

57.1594, 60.5455, 68.9954

Tritanomaly

52.3624, 60.8083, 77.3840

Monochromacy



Original Color

50.5967, 61.2493, 67.5481

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.7417, 58.3660, 64.3631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5967, 61.2493, 67.5481 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, 216, 206)` looks like.

```
.text, #text, p{  
    color:rgb(162, 216, 206)  
}
```

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, 216, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 216, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.5967, 61.2493, 67.5481 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, 216, 206) }
```


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

```
.border{ border-color:rgb(162, 216, 206) }
```

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

Here you see how a box with a 4 pixel rgb(162, 216, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 216, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 216, 206);  
box-shadow:4px 4px 4px 4px rgb(162, 216,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5967, 61.2493, 67.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 216, 206) }
```

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

```
.background{ background-color: rgb(162,  
216, 206) }
```

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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