

Converting Colors

XYZ(51.7922, 61.9770, 65.6508)

Have a look what the booklet for
XYZ(51.7922, 61.9770, 65.6508)
contains.

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Color

**XYZ(51.6975, 61.8585,
65.7151)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D8CB
RGB	169, 216, 203
RGB Percent	66%, 85%, 80%
CMY	0.3372, 0.1529, 0.2039
CMYK	0.22, 0.00, 0.06, 0.15
HSL	163°, 38%, 75%
HSV	163°, 22%, 85%
XYZ	51.6975, 61.8585, 65.7151
YIQ	200.4650, -23.8390, -14.0070

Conversions

Conversions Part 2

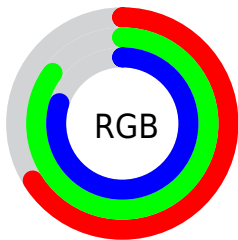
Format	Color
RYB	169, 196, 216
Decimal	11131083
CIELab	82.84, -17.88, 1.39
CIELCh	83, 17.936, 175.546
Yxy	61.8585, 0.2884, 0.3451
Android (android.graphics.Color)	4289321163 (0xFFA9D8CB)
YUV	200.4650, 1.2498, -27.5948
Hunter-Lab	78.6502, -20.3081, 5.5162

Details

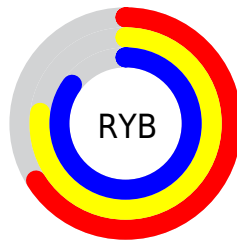
The XYZ color **51.6975, 61.8585, 65.7151** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.9525, 46.3538, 50.5201**, and the grayscale version is **55.1908, 58.0651, 63.2329**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **25.3721, 31.3727, 33.1520** is the 20% darker color. If you saturate the color by 10%, you get **46.7428, 59.3866, 61.8382**, and if you desaturate by 10%, it is **57.4487, 64.7411, 69.7752**.

Distribution



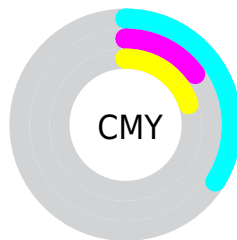
- Red (66%)
- Green (85%)
- Blue (80%)



- Red (66%)
- Yellow (77%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (34%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6975, 61.8585, 65.7151 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 51.6975, 61.8585, 65.7151 by changing the saturation by 10% instead.

■ 51.6975, 61.8585,
65.7151

■ 51.6975, 61.8585,
65.7151

383.6108,
431.4148, 463.7337

■ 36.9873, 44.9184,
47.5861

■ 91.8618, 107.5210,
114.7004

■ 25.3713, 31.3931,
33.1416

118.0467,
137.0122, 146.3939

■ 16.4841, 20.8984,
21.9629

148.7871,
171.4558, 183.4459

■ 9.9604, 13.0498,
13.6316

184.4486,
211.2363, 226.2751

■ 5.4348, 7.4628,
7.7291

225.3963,
256.7380, 275.2999

■ 2.5419, 3.7532,
3.8368

271.9957,

■ 0.9164, 1.5365,

308.3454, 330.9389

1.5363

324.6121,
366.4429, 393.6106

0.0000, 0.3142,
0.2447

0.0000, 0.0000,
0.0000

51.6975, 61.8585,
65.7151

51.6975, 61.8585,
65.7151

46.7428, 59.3866,
61.8382

57.4487, 64.7411,
69.7752

42.5414, 57.2983,
58.1370


64.0265, 68.0450,
74.0175


39.0541, 55.5750,
54.6092

71.4656, 71.7897,
78.4466


36.2358, 54.1935,
51.2513


79.6488, 75.9147,
83.0584


 34.0363, 53.1280,
48.0590


 80.4877, 76.2502,
87.4759


 32.3977, 52.3487,
45.0281


 81.3555, 76.5974,
92.0457

 31.2510, 51.8199,
42.1535

 82.2525, 76.9562,
96.7692

 30.5789, 51.5227,
39.8965

 83.1789, 77.3267,
101.6478

 83.8470, 77.5940,
105.1657

Harmonies

Analogous

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



52.8815, 61.8585, 56.0236



51.6975, 61.8585, 65.7151



52.3459, 61.8585, 76.9471

Triad

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



51.6975, 61.8585, 65.7151



62.0554, 61.8585, 88.4217



63.0968, 61.8585, 51.2947

Complementary

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



51.6975, 61.8585, 65.7151



50.9525, 46.3538, 50.5201

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.



65.7524, 61.8585, 58.5922



51.6975, 61.8585, 65.7151



65.1330, 61.8585, 80.1162

Square

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



51.6975, 61.8585, 65.7151



58.2198, 61.8585, 90.8594



66.5133, 61.8585, 69.0187



59.3733, 61.8585, 48.2973

Rectangle

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



51.6975, 61.8585, 65.7151



53.7458, 61.8585, 83.7034



66.5133, 61.8585, 69.0187



64.1502, 61.8585, 53.2845

Sweetspot

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



51.6993, 61.8611, 65.7165



88.0002, 96.4564, 104.4733



51.0855, 61.9626, 46.8045



18.7118, 20.5834, 22.2812



0.0000, 0.0000, 0.0000



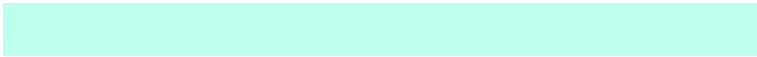
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6993, 61.8611, 65.7165



71.9082, 88.3950, 93.1317



50.7859, 57.4495, 73.3809



12.6388, 14.0465, 15.1784



18.1466, 30.5140, 23.8653



1.1287, 1.8541, 1.6196

Inverse Universe

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



50.9525, 46.3538, 50.5201



70.6406, 62.0333, 67.3083



51.6391, 49.7789, 44.4236



12.5630, 12.4767, 13.6391



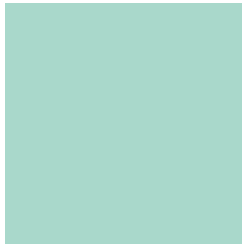
17.2804, 8.8485, 3.5144



1.0773, 0.5477, 0.3965

Previews

White Background



This preview shows how the XYZ color 51.6975, 61.8585, 65.7151 looks on a white background.

Color Contrast Check

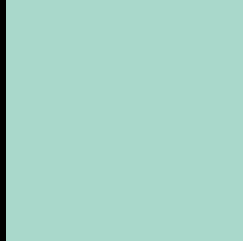
Large Text (above 18pt) WCAG AA × Fail

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 51.6975, 61.8585, 65.7151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

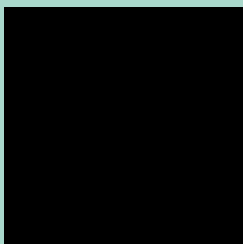
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6975, 61.8585, 65.7151

Background



This preview shows how black text looks on a background with the XYZ color 51.6975, 61.8585, 65.7151.



This preview shows how white text looks on a background with the XYZ color 51.6975, 61.8585,

65.7151.

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

51.6975, 61.8585, 65.7151

Protanopia

58.7733, 61.5427, 61.6046

Deuteranopia

62.6153, 61.3106, 66.9265



Tritanopia

55.1419, 61.7428, 83.1400

Trichromacy



Original Color

51.6975, 61.8585, 65.7151

Protanomaly

55.8742, 61.4602, 62.9510

Deuteranomaly

58.0276, 61.0496, 66.4830

Tritanomaly

53.7258, 61.5265, 76.7543

Monochromacy



Original Color

51.6975, 61.8585, 65.7151

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.6002, 59.1785, 63.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6975, 61.8585, 65.7151 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(169, 216, 203)` looks like.

```
.text, #text, p{  
    color:rgb(169, 216, 203)  
}
```

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(169, 216, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 216, 203) }
```

Border

The CSS property to change the border of an element to XYZ 51.6975, 61.8585, 65.7151 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(169, 216, 203) }
```


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

```
.border{ border-color:rgb(169, 216, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 216, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 216, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 216, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 216,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6975, 61.8585, 65.7151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 216, 203) }
```

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

```
.background{ background-color: rgb(169,  
216, 203) }
```

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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