

Converting Colors

XYZ(55.9939, 65.0065, 76.5528)

Have a look what the booklet for
XYZ(55.9939, 65.0065, 76.5528)
contains.

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Color

**XYZ(56.0222, 65.0076,
76.6129)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DBDB
RGB	176, 219, 219
RGB Percent	69%, 86%, 86%
CMY	0.3098, 0.1412, 0.1412
CMYK	0.20, 0.00, 0.00, 0.14
HSL	180°, 37%, 77%
HSV	180°, 20%, 86%
XYZ	56.0222, 65.0076, 76.6129
YIQ	206.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

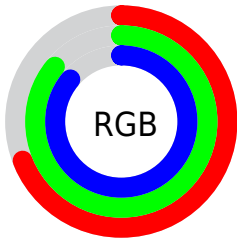
Format	Color
R _Y B	176, 198, 219
Decimal	11590619
CIE Lab	84.49, -13.91, -4.63
CIE LCh	84, 14.665, 198.413
Yxy	65.0076, 0.2835, 0.3289
Android (android.graphics.Color)	4289780699 (0xFFB0DBDB)
YUV	206.1430, 6.3385, -26.4354
Hunter-Lab	80.6273, -17.0707, 0.1011

Details

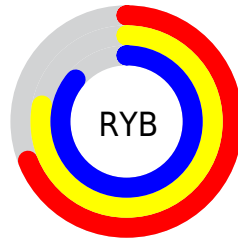
The XYZ color **56.0222, 65.0076, 76.6129** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.5775, 49.2471, 47.8115**, and the grayscale version is **58.7317, 61.7903, 67.2897**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **28.1447, 33.4422, 40.0936** is the 20% darker color. If you saturate the color by 10%, you get **51.4647, 62.6598, 76.4000**, and if you desaturate by 10%, it is **61.3823, 67.7725, 76.8661**.

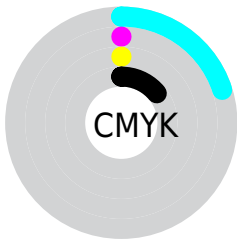
Distribution



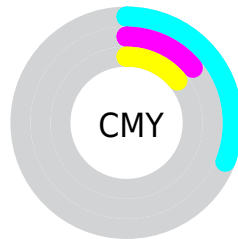
- Red (69%)
- Green (86%)
- Blue (86%)



- Red (69%)
- Yellow (78%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0222, 65.0076, 76.6129 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 56.0222, 65.0076, 76.6129 by changing the saturation by 10% instead.

■ 56.0222, 65.0076,
76.6129

■ 56.0222, 65.0076,
76.6129

399.8488,
442.8193, 502.8458

■ 40.4578, 47.4672,
56.4256

■ 98.1767, 112.0608,
130.3609

■ 28.0815, 33.4052,
40.1379

125.4974,
142.3424, 164.7587

■ 18.5278, 22.4370,
27.3315

157.4677,
177.6399, 204.7303

■ 11.4316, 14.1784,
17.5877

194.4528,
218.3377, 250.6944

■ 6.4273, 8.2448,
10.4880

236.8181,
264.8201, 303.0694

■ 3.1497, 4.2520,
5.6139

284.9290,

■ 1.2334, 1.8155,

317.4716, 362.2740

2.5468

339.1508,
376.6765, 428.7266

■ 0.1325, 0.4968,
0.8648

■ 0.0000, 0.0000,
0.0000

■ 56.0222, 65.0076,
76.6129

■ 56.0222, 65.0076,
76.6129

■ 51.4647, 62.6598,
76.4000

■ 61.3823, 67.7725,
76.8661

■ 47.6659, 60.7015,
76.2212

■ 67.5751, 70.9650,
77.1569

■ 44.5864, 59.1140,
76.0761

■ 74.6359, 74.6050,
77.4884

■ 42.1808, 57.8739,
75.9626

■ 79.3598, 77.0402,
77.7104

40.3987, 56.9552,
75.8782

79.3600, 77.0403,
77.7114

39.1826, 56.3283,
75.8203

79.3602, 77.0403,
77.7124

38.4642, 55.9580,
75.7857

79.3604, 77.0404,
77.7134

38.1275, 55.7844,
75.7689

79.3606, 77.0405,
77.7144

38.1175, 55.7793,
75.7684

79.3608, 77.0406,
77.7154

Harmonies

Analogous

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



55.8412, 65.0076, 67.2330



56.0222, 65.0076, 76.6129



57.7149, 65.0076, 85.0953

Triad

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



56.0222, 65.0076, 76.6129



66.6019, 65.0076, 83.3957



63.0569, 65.0076, 54.5939

Complementary

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



56.0222, 65.0076, 76.6129



52.5775, 49.2471, 47.8115

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.



66.0479, 65.0076, 58.1715



56.0222, 65.0076, 76.6129



68.1422, 65.0076, 74.4542

Square

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



56.0222, 65.0076, 76.6129



63.7915, 65.0076, 89.2427



67.9359, 65.0076, 65.2552



59.8265, 65.0076, 55.0611

Rectangle

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



56.0222, 65.0076, 76.6129



59.5074, 65.0076, 88.8460



67.9359, 65.0076, 65.2552



64.1257, 65.0076, 55.3495

Sweetspot

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



56.0241, 65.0103, 76.6144



89.6432, 97.2127, 108.6461



51.2369, 63.1142, 50.5573



19.0671, 20.7455, 23.2491



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.



56.0241, 65.0103, 76.6144



76.0062, 90.1826, 108.0054



50.9362, 54.8339, 74.9202



13.4449, 14.8296, 16.8057



22.6009, 33.0730, 44.9251



1.4642, 2.1426, 2.9105

Inverse Universe

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



52.5775, 49.2471, 47.8115



70.2029, 63.6408, 59.5074



56.9693, 58.0311, 49.2741



13.0561, 13.0515, 13.5568



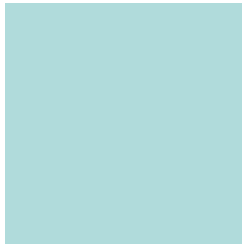
17.3222, 8.9299, 0.8110



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 56.0222, 65.0076, 76.6129 looks on a white background.

Color Contrast Check

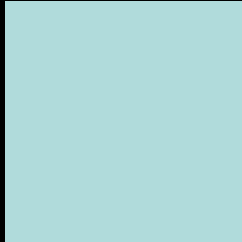
Large Text (above 18pt) WCAG AA × Fail

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 56.0222, 65.0076, 76.6129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

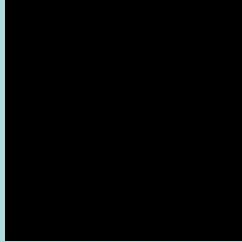
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0222, 65.0076, 76.6129

Background



This preview shows how black text looks on a background with the XYZ color 56.0222, 65.0076, 76.6129.



This preview shows how white text looks on a background with the XYZ color 56.0222, 65.0076,

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

56.0222, 65.0076, 76.6129

Protanopia

62.2513, 64.5512, 72.1294

Deuteranopia

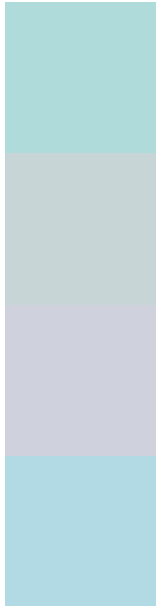
65.8290, 64.4672, 78.0811



Tritanopia

58.2545, 65.1499, 87.3468

Trichromacy



Original Color

56.0222, 65.0076, 76.6129

Protanomaly

59.8794, 64.7742, 73.6367

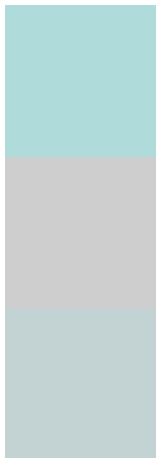
Deuteranomaly

61.5837, 64.0868, 77.5308

Tritanomaly

57.5744, 65.2649, 83.6916

Monochromacy



Original Color

56.0222, 65.0076, 76.6129

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5578, 62.8938, 70.7341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0222, 65.0076, 76.6129 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(176, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(176, 219, 219)  
}
```

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(176, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.0222, 65.0076, 76.6129 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(176, 219, 219) }
```


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

```
.border{ border-color:rgb(176, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(176, 219,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0222, 65.0076, 76.6129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 219, 219) }
```

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

```
.background{ background-color: rgb(176,  
219, 219) }
```

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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