

Converting Colors

XYZ(56.0199, 63.8005, 74.2355)

Have a look what the booklet for
XYZ(56.0199, 63.8005, 74.2355)
contains.

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Color

**XYZ(56.0066, 63.8934,
74.3465)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D8D8
RGB	181, 216, 216
RGB Percent	71%, 85%, 85%
CMY	0.2902, 0.1529, 0.1529
CMYK	0.16, 0.00, 0.00, 0.15
HSL	180°, 31%, 78%
HSV	180°, 16%, 85%
XYZ	56.0066, 63.8934, 74.3465
YIQ	205.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

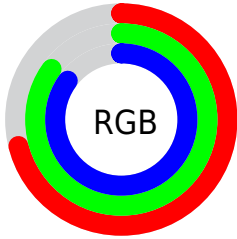
Format	Color
RYB	181, 199, 216
Decimal	11917528
CIELab	83.91, -11.46, -3.86
CIElCh	84, 12.096, 198.591
Yxy	63.8934, 0.2883, 0.3289
Android (android.graphics.Color)	4290107608 (0xFFB5D8D8)
YUV	205.5350, 5.1592, -21.5172
Hunter-Lab	79.9333, -14.8144, 0.8073

Details

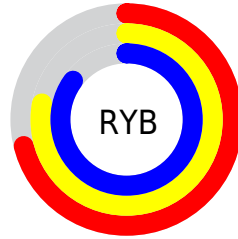
The XYZ color **56.0066, 63.8934, 74.3465** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1856, 50.9846, 50.7567**, and the grayscale version is **58.3483, 61.3869, 66.8504**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **28.0800, 32.6521, 38.5407** is the 20% darker color. If you saturate the color by 10%, you get **51.3295, 61.4840, 74.1276**, and if you desaturate by 10%, it is **61.4726, 66.7129, 74.6050**.

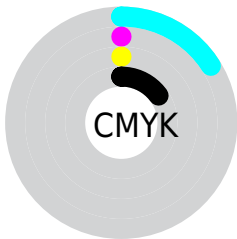
Distribution



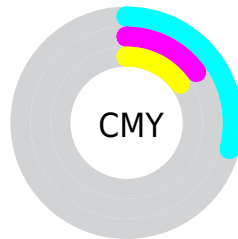
- Red (71%)
- Green (85%)
- Blue (85%)



- Red (71%)
- Yellow (78%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0066, 63.8934, 74.3465 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 56.0066, 63.8934, 74.3465 by changing the saturation by 10% instead.

■ 56.0066, 63.8934,
74.3465

■ 56.0066, 63.8934,
74.3465

399.7910,
438.8046, 494.8638

■ 40.4452, 46.5643,
54.5792

■ 98.1540, 110.4574,
127.1254

■ 28.0716, 32.6914,
38.6686

125.4707,
140.4611, 160.9742

■ 18.5204, 21.8901,
26.1962

157.4366,
175.4585, 200.3537

■ 11.4262, 13.7762,
16.7434

194.4170,
215.8340, 245.6827

■ 6.4237, 7.9652,
9.8917

236.7773,
261.9720, 297.3797

■ 3.1474, 4.0727,
5.2225

284.8828,

■ 1.2322, 1.7143,

314.2568, 355.8632

2.3174

339.0989,
373.0729, 421.5517

■ 0.1316, 0.4329,
0.7409

■ 0.0000, 0.0000,
0.0000

■ 56.0066, 63.8934,
74.3465

■ 56.0066, 63.8934,
74.3465

■ 51.3295, 61.4840,
74.1276

■ 61.4726, 66.7129,
74.6050

■ 47.3998, 59.4582,
73.9424

■ 67.7558, 69.9520,
74.9003

■ 44.1803, 57.7985,
73.7904

■ 74.8898, 73.6296,
75.2355

■ 41.6288, 56.4832,
73.6697

■ 78.1929, 75.3324,
75.3914

■ 39.6983, 55.4880,
73.5781

■ 78.1932, 75.3325,
75.3927

■ 38.3358, 54.7857,
73.5130

■ 78.1934, 75.3326,
75.3941

■ 37.4797, 54.3443,
73.4716

■ 78.1937, 75.3327,
75.3954

■ 37.0525, 54.1241,
73.4503

■ 78.1939, 75.3328,
75.3967

■ 36.9498, 54.0712,
73.4450

■ 78.1942, 75.3329,
75.3980

Harmonies

Analogous

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



55.8496, 63.8934, 66.7101



56.0066, 63.8934, 74.3465



57.4066, 63.8934, 81.1494

Triad

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



56.0066, 63.8934, 74.3465



64.6480, 63.8934, 79.7196



61.7467, 63.8934, 56.1697

Complementary

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



56.0066, 63.8934, 74.3465



53.1856, 50.9846, 50.7567

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.



64.1767, 63.8934, 59.1464



56.0066, 63.8934, 74.3465



65.8841, 63.8934, 72.5086

Square

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



56.0066, 63.8934, 74.3465



62.3748, 63.8934, 84.4045



65.7092, 63.8934, 65.0008



59.1120, 63.8934, 56.5826

Rectangle

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



56.0066, 63.8934, 74.3465



58.8799, 63.8934, 84.1243



65.7092, 63.8934, 65.0008



62.6159, 63.8934, 56.7977

Sweetspot

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



56.0084, 63.8960, 74.3479



90.5136, 97.6614, 108.6867



52.0914, 62.3451, 53.0055



19.2424, 20.8359, 23.2573



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.



56.0084, 63.8960, 74.3479



79.4159, 91.9404, 108.1647



51.8952, 55.6689, 72.9789



12.7922, 14.1079, 15.9861



21.8695, 32.0032, 43.4701



1.3191, 1.9303, 2.6220

Inverse Universe

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



53.1856, 50.9846, 50.7567



74.6520, 70.1511, 68.3522



56.8368, 58.2875, 51.9722



12.4234, 12.4208, 12.9036



16.7620, 8.6411, 0.7849



1.0110, 0.5212, 0.0474

Previews

White Background



This preview shows how the XYZ color 56.0066, 63.8934, 74.3465 looks on a white background.

Color Contrast Check

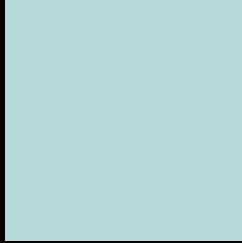
Large Text (above 18pt) WCAG AA × Fail

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 56.0066, 63.8934, 74.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

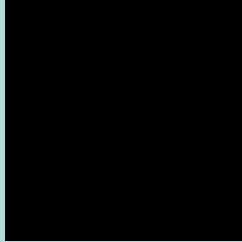
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0066, 63.8934, 74.3465

Background



This preview shows how black text looks on a background with the XYZ color 56.0066, 63.8934, 74.3465.

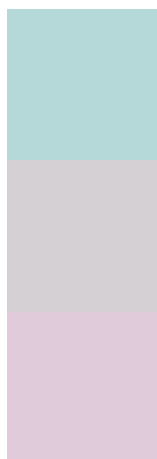


This preview shows how white text looks on a background with the XYZ color 56.0066, 63.8934,

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

56.0066, 63.8934, 74.3465

Protanopia

61.4651, 63.8119, 70.7054

Deuteranopia

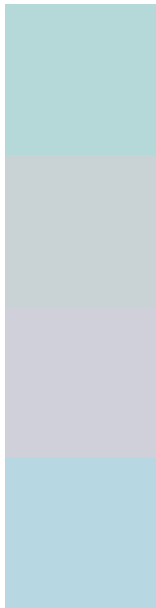
64.8826, 63.6736, 75.8884



Tritanopia

58.2375, 64.0530, 84.8953

Trichromacy



Original Color

56.0066, 63.8934, 74.3465

Protanomaly

59.3919, 63.8101, 72.1371

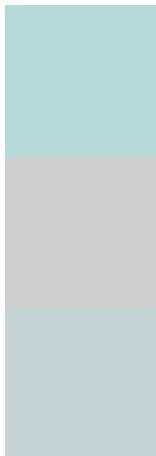
Deuteranomaly

61.2232, 63.5836, 75.3757

Tritanomaly

57.5563, 64.1591, 81.3019

Monochromacy



Original Color

56.0066, 63.8934, 74.3465

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7054, 62.6166, 70.0176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0066, 63.8934, 74.3465 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(181, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(181, 216, 216)  
}
```

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(181, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 56.0066, 63.8934, 74.3465 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(181, 216, 216) }
```


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

```
.border{ border-color:rgb(181, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(181, 216,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0066, 63.8934, 74.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 216, 216) }
```

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

```
.background{ background-color: rgb(181,  
216, 216) }
```

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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