

Converting Colors

XYZ(56.3476, 62.8933, 76.1876)

Have a look what the booklet for
XYZ(56.3476, 62.8933, 76.1876)
contains.

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Color

**XYZ(56.3476, 62.8933,
76.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D5DB
RGB	184, 213, 219
RGB Percent	72%, 84%, 86%
CMY	0.2784, 0.1647, 0.1412
CMYK	0.16, 0.03, 0.00, 0.14
HSL	190°, 33%, 79%
HSV	190°, 16%, 86%
XYZ	56.3476, 62.8933, 76.1876
YIQ	205.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

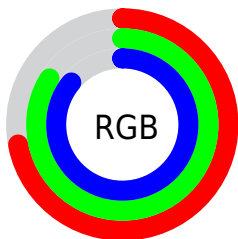
Format	Color
RYB	184, 200, 219
Decimal	12113371
CIELab	83.39, -8.36, -6.20
CIELCh	83, 10.407, 216.579
Yxy	62.8933, 0.2883, 0.3218
Android (android.graphics.Color)	4290303451 (0xFFB8D5DB)
YUV	205.0130, 6.8956, -18.4284
Hunter-Lab	79.3053, -11.9573, -1.4454

Details

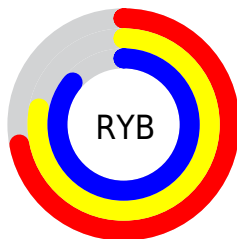
The XYZ color **56.3476, 62.8933, 76.1876** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2791, 55.3477, 53.0656**, and the grayscale version is **58.0044, 61.0251, 66.4563**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **28.2878, 31.9594, 39.7998** is the 20% darker color. If you saturate the color by 10%, you get **50.5697, 58.5313, 75.6512**, and if you desaturate by 10%, it is **62.9631, 67.7229, 76.7721**.

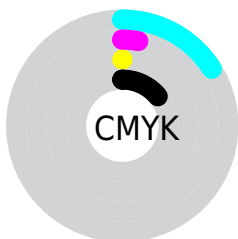
Distribution



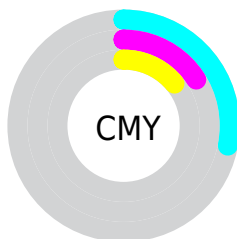
- Red (72%)
- Green (84%)
- Blue (86%)



- Red (72%)
- Yellow (78%)
- Blue (86%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3476, 62.8933, 76.1876 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 56.3476, 62.8933, 76.1876 by changing the saturation by 10% instead.

■ 56.3476, 62.8933,
76.1876

■ 56.3476, 62.8933,
76.1876

401.0540,
435.1821, 501.3536

■ 40.7198, 45.7549,
56.0788

■ 98.6495, 109.0156,
129.7546

■ 28.2869, 32.0524,
39.8617

126.0543,
138.7682, 164.0498

■ 18.6836, 21.4016,
27.1177

158.1154,
173.4944, 203.9109

■ 11.5445, 13.4178,
17.4284

195.1983,
213.5785, 249.7564

■ 6.5043, 7.7169,
10.3753

237.6682,
259.4049, 302.0049

■ 3.1976, 3.9143,
5.5396

285.8905,

■ 1.2591, 1.6258,

311.3581, 361.0749

2.5030

340.2307,
369.8224, 427.3849

■ 0.1523, 0.3749,
0.8417

■ 0.0000, 0.0000,
0.0000

■ 56.3476, 62.8933,
76.1876

■ 56.3476, 62.8933,
76.1876

■ 50.5697, 58.5313,
75.6512

■ 62.9631, 67.7229,
76.7721

■ 45.5866, 54.6095,
75.1568

■ 70.4458, 73.0305,
77.4022

■ 41.3598, 51.1096,
74.7041

■ 78.8304, 78.8359,
78.0809

■ 37.8454, 48.0088,
74.2908

■ 81.7738, 81.8693,
78.5112

■ 34.9948, 45.2817,
73.9146

■ 82.8174, 83.9567,
78.8591

■ 32.7533, 42.8999,
73.5731

■ 83.8837, 86.0891,
79.2145

■ 31.0570, 40.8303,
73.2630

■ 84.9726, 88.2670,
79.5775

■ 29.8268, 39.0318,
72.9807

■ 86.0843, 90.4904,
79.9481

■ 29.4073, 38.3563,
72.8724

■ 87.2190, 92.7598,
80.3263

Harmonies

Analogous

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



55.5540, 62.8933, 69.9195



56.3476, 62.8933, 76.1876



58.0632, 62.8933, 80.5786

Triad

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



56.3476, 62.8933, 76.1876



63.8655, 62.8933, 73.5600



59.2805, 62.8933, 56.8184

Complementary

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



56.3476, 62.8933, 76.1876



56.2791, 55.3477, 53.0656

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.



61.5266, 62.8933, 57.6577



56.3476, 62.8933, 76.1876



64.2112, 62.8933, 67.0606

Square

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



56.3476, 62.8933, 76.1876



62.4121, 62.8933, 78.9958



63.3453, 62.8933, 61.3108



57.2195, 62.8933, 58.9416

Rectangle

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



56.3476, 62.8933, 76.1876



59.5186, 62.8933, 81.7047



63.3453, 62.8933, 61.3108



60.0385, 62.8933, 56.7655

Sweetspot

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



56.3494, 62.8959, 76.1890



89.8208, 96.2755, 108.4567



54.3759, 64.5649, 58.2173



19.0735, 20.4979, 23.2012



0.0000, 0.0000, 0.0000



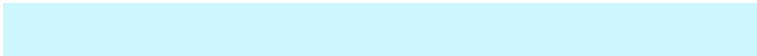
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3494, 62.8959, 76.1890



76.8251, 86.7578, 107.3046



52.2193, 54.6357, 74.8123



13.2451, 14.4300, 16.7393



17.5077, 22.8849, 43.2329



1.1854, 1.5849, 2.8179

Inverse Universe

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



58.3656, 54.1465, 70.3289



80.1859, 72.3647, 97.4933



60.2599, 63.3092, 54.3925



13.5136, 13.2345, 15.9659



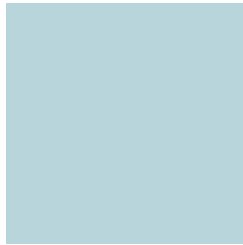
22.3324, 10.9340, 27.1943



1.4726, 0.7187, 1.8978

Previews

White Background



This preview shows how the XYZ color 56.3476, 62.8933, 76.1876 looks on a white background.

Color Contrast Check

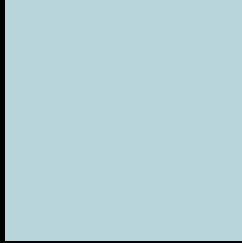
Large Text (above 18pt) WCAG AA × Fail

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 56.3476, 62.8933, 76.1876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

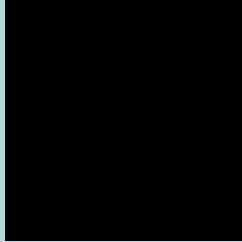
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3476, 62.8933, 76.1876

Background



This preview shows how black text looks on a background with the XYZ color 56.3476, 62.8933, 76.1876.



This preview shows how white text looks on a background with the XYZ color 56.3476, 62.8933,

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

56.3476, 62.8933, 76.1876

Protanopia

60.6315, 62.6042, 73.1782

Deuteranopia

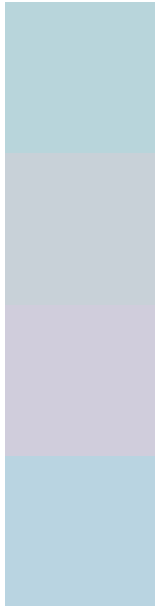
63.7566, 62.3659, 77.0841



Tritanopia

57.7968, 63.1275, 82.5374

Trichromacy



Original Color

56.3476, 62.8933, 76.1876

Protanomaly

59.0146, 62.8382, 73.9843

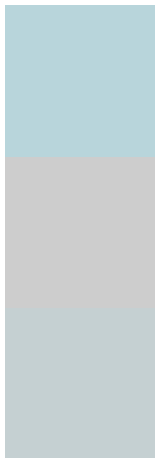
Deuteranomaly

60.7620, 62.2398, 76.5211

Tritanomaly

57.1417, 62.8375, 80.3513

Monochromacy



Original Color

56.3476, 62.8933, 76.1876

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.2147, 61.6352, 69.8540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3476, 62.8933, 76.1876 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(184, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 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(184, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.3476, 62.8933, 76.1876 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(184, 213, 219) }
```


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

```
.border{ border-color:rgb(184, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 213,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3476, 62.8933, 76.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 219) }
```

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

```
.background{ background-color: rgb(184,  
213, 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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