

Converting Colors

XYZ(51.9069, 56.6501, 74.5284)

Have a look what the booklet for
XYZ(51.9069, 56.6501, 74.5284)
contains.

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Color

**XYZ(51.9069, 56.6501,
74.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CADA
RGB	177, 202, 218
RGB Percent	69%, 79%, 85%
CMY	0.3059, 0.2078, 0.1451
CMYK	0.19, 0.07, 0.00, 0.15
HSL	203°, 36%, 77%
HSV	203°, 19%, 85%
XYZ	51.9069, 56.6501, 74.5284
YIQ	196.3490, -20.0360, -0.3240

Conversions

Conversions Part 2

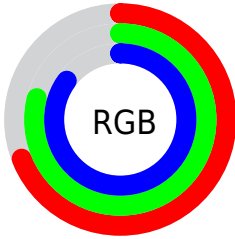
Format	Color
RYB	177, 193, 218
Decimal	11651802
CIELab	79.98, -5.02, -10.77
CIELCh	80, 11.885, 245.002
Yxy	56.6501, 0.2835, 0.3094
Android (android.graphics.Color)	4289841882 (0xFFB1CADA)
YUV	196.3490, 10.6739, -16.9691
Hunter-Lab	75.2663, -8.6146, -6.0224

Details

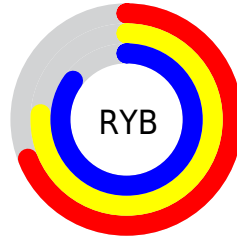
The XYZ color **51.9069, 56.6501, 74.5284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9198, 56.2198, 49.5005**, and the grayscale version is **52.6267, 55.3674, 60.2951**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **25.5129, 28.1092, 38.7313** is the 20% darker color. If you saturate the color by 10%, you get **45.3918, 50.4111, 73.6685**, and if you desaturate by 10%, it is **59.3287, 63.5227, 75.4647**.

Distribution



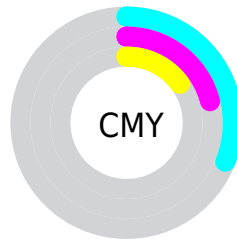
- Red (69%)
- Green (79%)
- Blue (85%)



- Red (69%)
- Yellow (76%)
- Blue (85%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9069, 56.6501, 74.5284 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 51.9069, 56.6501, 74.5284 by changing the saturation by 10% instead.

■ 51.9069, 56.6501,
74.5284

■ 51.9069, 56.6501,
74.5284

384.4069,
412.1369, 495.5072

■ 37.1548, 40.7244,
54.7272

■ 92.1690, 99.9545,
127.3855

■ 25.5016, 28.1038,
38.7862

118.4097,
128.1019, 161.2785

■ 16.5819, 18.4039,
26.2869

149.2107,
161.0920, 200.7059

■ 10.0303, 11.2404,
16.8107

184.9373,
199.3092, 246.0862

■ 5.4815, 6.2287,
9.9391

225.9548,
243.1379, 297.8379

■ 2.5701, 2.9847,
5.2535

272.6287,

■ 0.9307, 1.1237,

292.9625, 356.3796

2.3354

325.3243,
349.1674, 422.1299

■ 0.0000, 0.0000,
0.7510

■ 0.0000, 0.0000,
0.0000

■ 51.9069, 56.6501,
74.5284

■ 51.9069, 56.6501,
74.5284

■ 45.3918, 50.4111,
73.6685

■ 59.3287, 63.5227,
75.4647

■ 39.7388, 44.7759,
72.8787

■ 67.6888, 71.0435,
76.4757

■ 34.9074, 39.7222,
72.1579

■ 77.0237, 79.2350,
77.5649

■ 30.8512, 35.2235,
71.5033

■ 83.8987, 86.3294,
78.5718

■ 27.5188, 31.2505,
70.9121

■ 86.4069, 91.3456,
79.4079

■ 24.8523, 27.7703,
70.3809

■ 89.0332, 96.5983,
80.2833

■ 22.7832, 24.7448,
69.9060

■ 89.6551, 97.8420,
80.4906

■ 21.2065, 22.1166,
69.4818

■ 21.0344, 21.8207,
69.4337

Harmonies

Analogous

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



50.1318, 56.6501, 69.6239



51.9069, 56.6501, 74.5284



54.2498, 56.6501, 75.8916

Triad

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



51.9069, 56.6501, 74.5284



58.6006, 56.6501, 60.5309



51.2260, 56.6501, 51.4239

Complementary

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



51.9069, 56.6501, 74.5284



55.9198, 56.2198, 49.5005

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.



53.4406, 56.6501, 49.3675



51.9069, 56.6501, 74.5284



57.7356, 56.6501, 54.3689

Square

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



51.9069, 56.6501, 74.5284



58.1605, 56.6501, 67.4708



55.8292, 56.6501, 50.4043



49.7470, 56.6501, 56.2348

Rectangle

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



51.9069, 56.6501, 74.5284



55.8294, 56.6501, 74.5280



55.8292, 56.6501, 50.4043



51.9067, 56.6501, 50.4046

Sweetspot

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



51.9086, 56.6524, 74.5297



87.7684, 93.4628, 108.0220



52.7980, 63.3286, 59.7286



18.6228, 19.8570, 23.1012



0.0000, 0.0000, 0.0000



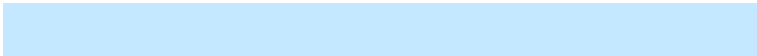
20.3446, 21.4041, 23.3091

Same Dimension

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



51.9086, 56.6524, 74.5297



69.7953, 76.7811, 105.7494



47.4712, 47.7776, 73.0505



12.9962, 13.9321, 16.6563



12.7091, 13.2876, 41.6333



0.9062, 1.0265, 2.7248

Inverse Universe

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



55.2976, 50.6154, 62.7349



75.6409, 66.7307, 85.3236



60.6990, 65.7783, 51.0936



13.3879, 13.1843, 15.3042



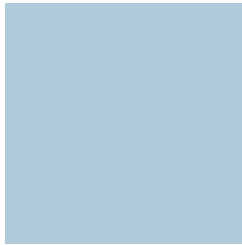
19.9103, 9.9651, 14.4394



1.3317, 0.6623, 1.1557

Previews

White Background



This preview shows how the XYZ color 51.9069, 56.6501, 74.5284 looks on a white background.

Color Contrast Check

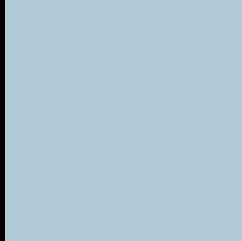
Large Text (above 18pt) WCAG AA × Fail

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 51.9069, 56.6501, 74.5284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

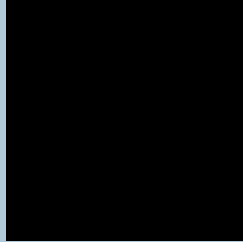
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

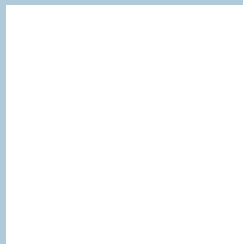
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9069, 56.6501, 74.5284

Background



This preview shows how black text looks on a background with the XYZ color 51.9069, 56.6501, 74.5284.



This preview shows how white text looks on a background with the XYZ color 51.9069, 56.6501,

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

51.9069, 56.6501, 74.5284

Protanopia

55.2580, 56.7091, 72.3235

Deuteranopia

57.7204, 56.5726, 75.5876



Tritanopia

51.9069, 56.6501, 74.5284

Trichromacy



Original Color

51.9069, 56.6501, 74.5284

Protanomaly

54.0533, 56.7519, 73.0710

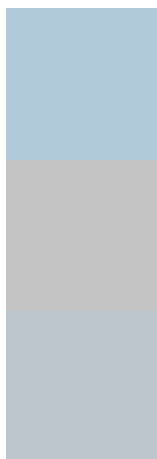
Deuteranomaly

55.2911, 56.3301, 74.9765

Tritanomaly

51.9069, 56.6501, 74.5284

Monochromacy



Original Color

51.9069, 56.6501, 74.5284

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0794, 55.5666, 65.1073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9069, 56.6501, 74.5284 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(177, 202, 218)` looks like.

```
.text, #text, p{  
    color:rgb(177, 202, 218)  
}
```

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(177, 202, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 202, 218) }
```

Border

The CSS property to change the border of an element to XYZ 51.9069, 56.6501, 74.5284 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(177, 202, 218) }
```


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

```
.border{ border-color:rgb(177, 202, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 202, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 202, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 202, 218);  
box-shadow:4px 4px 4px 4px rgb(177, 202,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9069, 56.6501, 74.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 202, 218) }
```

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

```
.background{ background-color: rgb(177,  
202, 218) }
```

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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