

Converting Colors

XYZ(52.6609, 58.5608, 73.3372)

Have a look what the booklet for
XYZ(52.6609, 58.5608, 73.3372)
contains.

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Color

**XYZ(52.5974, 58.4476,
73.4751)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CED8
RGB	177, 206, 216
RGB Percent	69%, 81%, 85%
CMY	0.3059, 0.1921, 0.1529
CMYK	0.18, 0.05, 0.00, 0.15
HSL	195°, 33%, 77%
HSV	195°, 18%, 85%
XYZ	52.5974, 58.4476, 73.4751
YIQ	198.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

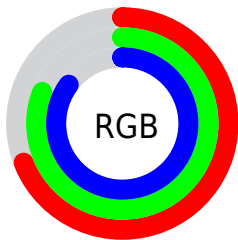
Format	Color
RYB	177, 194, 216
Decimal	11652824
CIELab	80.99, -7.55, -8.21
CIELCh	81, 11.149, 227.388
Yxy	58.4476, 0.2850, 0.3168
Android (android.graphics.Color)	4289842904 (0xFFB1CED8)
YUV	198.4690, 8.6428, -18.8283
Hunter-Lab	76.4510, -10.9834, -3.4664

Details

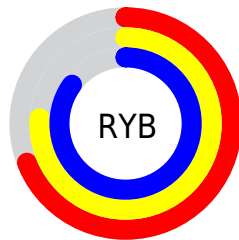
The XYZ color **52.5974, 58.4476, 73.4751** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0254, 53.3138, 49.0391**, and the grayscale version is **53.9212, 56.7293, 61.7782**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **25.9734, 29.3148, 38.0076** is the 20% darker color. If you saturate the color by 10%, you get **46.7524, 53.4917, 72.8275**, and if you desaturate by 10%, it is **59.2716, 63.9037, 74.1774**.

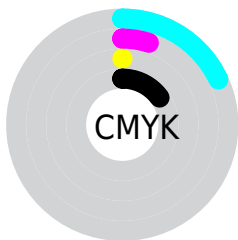
Distribution



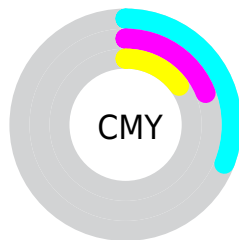
- Red (69%)
- Green (81%)
- Blue (85%)



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



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5974, 58.4476, 73.4751 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 52.5974, 58.4476, 73.4751 by changing the saturation by 10% instead.

■ 52.5974, 58.4476,
73.4751

■ 52.5974, 58.4476,
73.4751

387.0248,
418.8517, 491.7746

■ 37.7077, 42.1686,
53.8703

■ 93.1807, 102.5744,
125.8786

■ 25.9321, 29.2333,
38.1055

119.6050,
131.1910, 159.5144

■ 16.9052, 19.2574,
25.7621

150.6048,
164.6888, 198.6644

■ 10.2618, 11.8564,
16.4216

186.5456,
203.4524, 243.7470

■ 5.6365, 6.6460,
9.6654

227.7926,
247.8661, 295.1808

■ 2.6639, 3.2417,
5.0750

274.7112,

■ 0.9786, 1.2592,

298.3143, 353.3843

2.2318

327.6668,
355.1814, 418.7761

■ 0.0000, 0.1093,
0.6926

■ 0.0000, 0.0000,
0.0000

■ 52.5974, 58.4476,
73.4751

■ 52.5974, 58.4476,
73.4751

■ 46.7524, 53.4917,
72.8275

■ 59.2716, 63.9037,
74.1774

■ 41.6943, 49.0091,
72.2289

■ 66.8043, 69.8712,
74.9322

■ 37.3850, 44.9807,
71.6784

■ 75.2300, 76.3702,
75.7426

■ 33.7808, 41.3833,
71.1741

■ 81.4201, 81.7885,
76.4622

■ 30.8333, 38.1914,
70.7133

■ 82.9692, 84.8867,
76.9785

■ 28.4877, 35.3758,
70.2935

■ 84.5676, 88.0834,
77.5113

■ 26.6796, 32.9025,
69.9114

■ 86.2156, 91.3794,
78.0606

■ 25.3165, 30.7233,
69.5626

■ 87.9137, 94.7757,
78.6267

■ 25.0755, 30.3193,
69.4973

■ 89.3949, 97.7379,
79.1204

Harmonies

Analogous

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



51.4180, 58.4476, 67.5198



52.5974, 58.4476, 73.4751



54.5878, 58.4476, 76.8878

Triad

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



52.5974, 58.4476, 73.4751



60.0041, 58.4476, 66.4597



54.2350, 58.4476, 52.2481

Complementary

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



52.5974, 58.4476, 73.4751



54.0254, 53.3138, 49.0391

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.



56.5289, 58.4476, 52.0078



52.5974, 58.4476, 73.4751



59.9033, 58.4476, 59.9107

Square

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



52.5974, 58.4476, 73.4751



58.8885, 58.4476, 72.6528



58.6167, 58.4476, 54.7233



52.3453, 58.4476, 55.4043

Rectangle

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



52.5974, 58.4476, 73.4751



56.1262, 58.4476, 77.1166



58.6167, 58.4476, 54.7233



54.9831, 58.4476, 51.8319

Sweetspot

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



52.5991, 58.4500, 73.4764



89.4800, 95.5939, 108.3431



51.6312, 62.0370, 56.1276



18.9904, 20.3318, 23.1735



0.0000, 0.0000, 0.0000



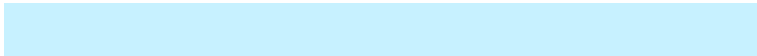
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5991, 58.4500, 73.4764



72.9194, 82.0340, 106.5986



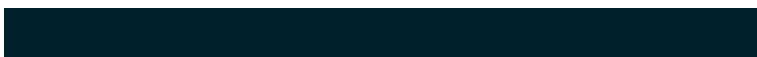
48.2445, 49.7407, 72.0249



12.5102, 13.5438, 15.8924



14.9328, 18.1274, 41.1651



0.9654, 1.2229, 2.5045

Inverse Universe

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



55.1830, 50.5006, 65.2345



77.4608, 68.3890, 92.0391



58.3872, 62.0374, 50.4931



12.8107, 12.5758, 14.9435



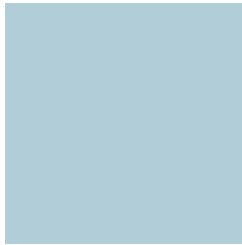
20.5963, 10.1748, 20.9758



1.2750, 0.6268, 1.4373

Previews

White Background



This preview shows how the XYZ color 52.5974, 58.4476, 73.4751 looks on a white background.

Color Contrast Check

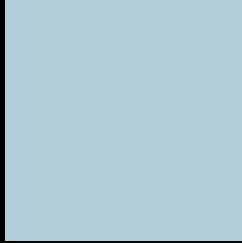
Large Text (above 18pt) WCAG AA × Fail

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 52.5974, 58.4476, 73.4751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

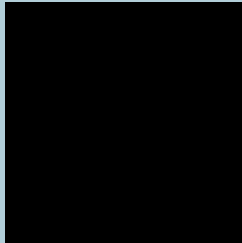
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

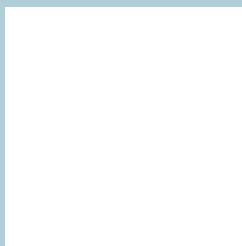
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5974, 58.4476, 73.4751

Background



This preview shows how black text looks on a background with the XYZ color 52.5974, 58.4476, 73.4751.

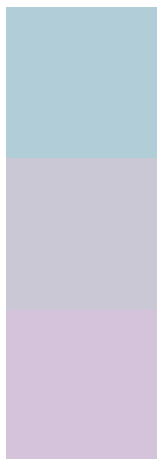


This preview shows how white text looks on a background with the XYZ color 52.5974, 58.4476,

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

52.5974, 58.4476, 73.4751

Protanopia

56.6253, 58.4795, 70.5906

Deuteranopia

59.3214, 58.0892, 74.4154



Tritanopia

53.2426, 58.3481, 76.8627

Trichromacy



Original Color

52.5974, 58.4476, 73.4751

Protanomaly

54.8690, 58.2516, 71.3026

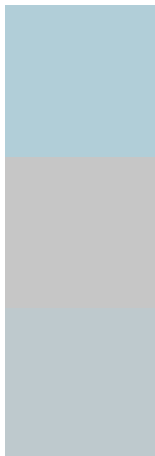
Deuteranomaly

56.5010, 57.9987, 73.8626

Tritanomaly

52.9776, 58.2421, 75.4675

Monochromacy



Original Color

52.5974, 58.4476, 73.4751

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.1413, 57.1282, 65.9836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5974, 58.4476, 73.4751 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, 206, 216)` looks like.

```
.text, #text, p{  
    color:rgb(177, 206, 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(177, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 206, 216) }
```

Border

The CSS property to change the border of an element to XYZ 52.5974, 58.4476, 73.4751 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, 206, 216) }
```


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

```
.border{ border-color:rgb(177, 206, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 206, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(177, 206,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5974, 58.4476, 73.4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 206, 216) }
```

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

```
.background{ background-color: rgb(177,  
206, 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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