

Converting Colors

XYZ(53.6979, 57.4552, 75.4849)

Have a look what the booklet for
XYZ(53.6979, 57.4552, 75.4849)
contains.

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Color

**XYZ(53.6739, 57.5459,
75.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CADB
RGB	184, 202, 219
RGB Percent	72%, 79%, 86%
CMY	0.2784, 0.2078, 0.1412
CMYK	0.16, 0.08, 0.00, 0.14
HSL	209°, 33%, 79%
HSV	209°, 16%, 86%
XYZ	53.6739, 57.5459, 75.2964
YIQ	198.5560, -16.1850, 1.4710

Conversions

Conversions Part 2

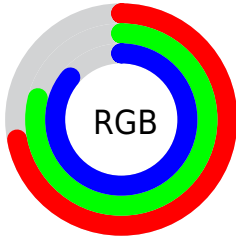
Format	Color
RYB	184, 196, 219
Decimal	12110555
CIELab	80.49, -2.61, -10.51
CIELCh	80, 10.826, 256.071
Yxy	57.5459, 0.2878, 0.3085
Android (android.graphics.Color)	4290300635 (0xFFB8CADB)
YUV	198.5560, 10.0789, -12.7656
Hunter-Lab	75.8590, -6.4559, -5.7490

Details

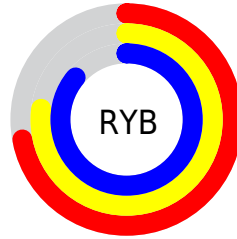
The XYZ color **53.6739, 57.5459, 75.2964** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7522, 60.2940, 53.8899**, and the grayscale version is **53.9639, 56.7742, 61.8271**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **26.6508, 28.6854, 39.2542** is the 20% darker color. If you saturate the color by 10%, you get **46.4187, 50.2293, 74.2675**, and if you desaturate by 10%, it is **61.9166, 65.6299, 76.4233**.

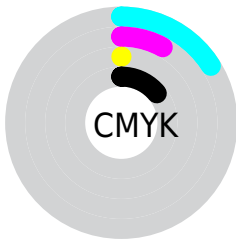
Distribution



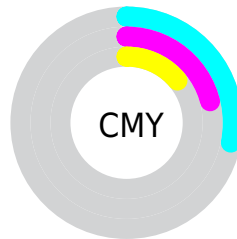
- Red (72%)
- Green (79%)
- Blue (86%)



- Red (72%)
- Yellow (77%)
- Blue (86%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6739, 57.5459, 75.2964 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 53.6739, 57.5459, 75.2964 by changing the saturation by 10% instead.

■ 53.6739, 57.5459,
75.2964

■ 53.6739, 57.5459,
75.2964

391.0839,
415.4917, 498.2183

■ 38.5706, 41.4437,
55.3526

■ 94.7550, 101.2613,
128.4828

■ 26.6051, 28.6659,
39.2836

121.4635,
129.6433, 162.5624

■ 17.4119, 18.8283,
26.6709

152.7712,
162.8873, 202.1911

■ 10.6257, 11.5462,
17.0959

189.0433,
201.3777, 247.7872

■ 5.8812, 6.4355,
10.1402

230.6453,
245.4990, 299.7695

■ 2.8129, 3.1117,
5.3852

277.9425,

■ 1.0556, 1.1903,

295.6355, 358.5564

2.4123

331.3003,
352.1716, 424.5665

■ 0.0000, 0.0538,
0.7932

■ 0.0000, 0.0000,
0.0000

■ 53.6739, 57.5459,
75.2964

■ 53.6739, 57.5459,
75.2964

■ 46.4187, 50.2293,
74.2675

■ 61.9166, 65.6299,
76.4233

■ 40.1053, 43.6469,
73.3297

■ 71.1800, 74.4989,
77.6469

■ 34.6917, 37.7733,
72.4813

■ 81.5017, 84.1787,
78.9713

■ 30.1304, 32.5787,
71.7190

■ 86.5418, 91.4054,
80.1005

■ 26.3692, 28.0304,
71.0394

■ 89.7864, 97.8945,
81.1821

■ 23.3496, 24.0925,
70.4384

■ 21.0038, 20.7238,
69.9119

■ 19.2485, 17.8752,
69.4545

■ 18.6520, 16.8459,
69.2873

Harmonies

Analogous

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



51.7856, 57.5459, 71.8870



53.6739, 57.5459, 75.2964



55.8866, 57.5459, 75.1627

Triad

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



53.6739, 57.5459, 75.2964



58.9035, 57.5459, 59.3320



51.6768, 57.5459, 54.5485

Complementary

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



53.6739, 57.5459, 75.2964



58.7522, 60.2940, 53.8899

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.



53.5217, 57.5459, 51.6228



53.6739, 57.5459, 75.2964



57.7128, 57.5459, 54.2542

Square

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



53.6739, 57.5459, 75.2964



58.9470, 57.5459, 65.6487



55.7303, 57.5459, 51.5189



50.6538, 57.5459, 59.7590

Rectangle

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



53.6739, 57.5459, 75.2964



57.2493, 57.5459, 73.0744



55.7303, 57.5459, 51.5189



52.2191, 57.5459, 53.2812

Sweetspot

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



53.6756, 57.5483, 75.2977



88.5702, 93.7743, 108.0398



55.6326, 65.0676, 64.8352



18.7691, 19.8892, 23.0997



0.0000, 0.0000, 0.0000



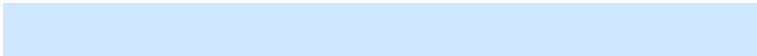
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6756, 57.5483, 75.2977



72.3644, 77.8364, 105.8177



49.8164, 49.8299, 74.0113



12.8898, 13.7193, 16.6209



11.1698, 10.2091, 41.1202



0.8098, 0.8337, 2.6927

Inverse Universe

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



57.0160, 53.6066, 63.2219



77.9344, 71.4641, 85.6367



63.0457, 68.8810, 55.3211



13.3342, 13.1628, 15.0213



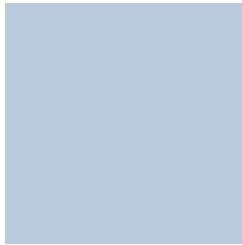
19.1333, 9.6544, 10.3481



1.2830, 0.6429, 0.8994

Previews

White Background



This preview shows how the XYZ color 53.6739, 57.5459, 75.2964 looks on a white background.

Color Contrast Check

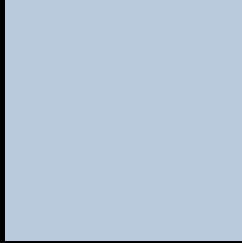
Large Text (above 18pt) WCAG AA × Fail

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 53.6739, 57.5459, 75.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

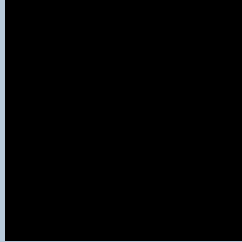
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

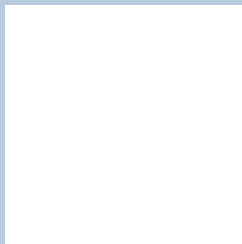
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6739, 57.5459, 75.2964

Background



This preview shows how black text looks on a background with the XYZ color 53.6739, 57.5459, 75.2964.



This preview shows how white text looks on a background with the XYZ color 53.6739, 57.5459,

75.2964.

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

53.6739, 57.5459, 75.2964

Protanopia

56.0072, 57.4037, 73.7738

Deuteranopia

58.6374, 57.3593, 76.3875



Tritanopia

53.5426, 57.4934, 74.6050

Trichromacy



Original Color

53.6739, 57.5459, 75.2964

Protanomaly

55.0706, 57.2463, 74.4768

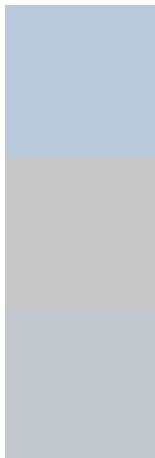
Deuteranomaly

56.7039, 57.3792, 75.7968

Tritanomaly

53.5426, 57.4934, 74.6050

Monochromacy



Original Color

53.6739, 57.5459, 75.2964

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0430, 57.2341, 66.5914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6739, 57.5459, 75.2964 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, 202, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 202, 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, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 202, 219) }
```

Border

The CSS property to change the border of an element to XYZ 53.6739, 57.5459, 75.2964 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, 202, 219) }
```


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

```
.border{ border-color:rgb(184, 202, 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, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 202,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6739, 57.5459, 75.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 202, 219) }
```

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

```
.background{ background-color: rgb(184,  
202, 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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