

Converting Colors

XYZ(54.1002, 58.8968, 73.3907)

Have a look what the booklet for
XYZ(54.1002, 58.8968, 73.3907)
contains.

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Color

**XYZ(53.9932, 58.8109,
73.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CDD8
RGB	184, 205, 216
RGB Percent	72%, 80%, 85%
CMY	0.2784, 0.1961, 0.1529
CMYK	0.15, 0.05, 0.00, 0.15
HSL	201°, 29%, 78%
HSV	201°, 15%, 85%
XYZ	53.9932, 58.8109, 73.4716
YIQ	199.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

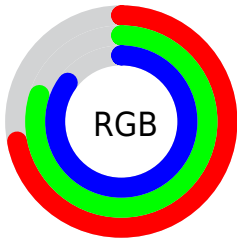
Format	Color
RYB	184, 197, 216
Decimal	12111320
CIELab	81.19, -4.81, -7.86
CIELCh	81, 9.214, 238.507
Yxy	58.8109, 0.2899, 0.3157
Android (android.graphics.Color)	4290301400 (0xFFB8CDD8)
YUV	199.9750, 7.9003, -14.0101
Hunter-Lab	76.6883, -8.5296, -3.1213

Details

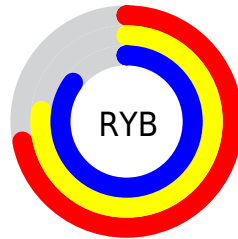
The XYZ color **53.9932, 58.8109, 73.4716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4862, 57.0897, 53.3909**, and the grayscale version is **54.8458, 57.7020, 62.8375**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **26.8597, 29.5317, 38.0027** is the 20% darker color. If you saturate the color by 10%, you get **47.4755, 52.8785, 72.6710**, and if you desaturate by 10%, it is **61.3887, 65.3239, 74.3399**.

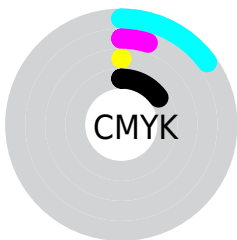
Distribution



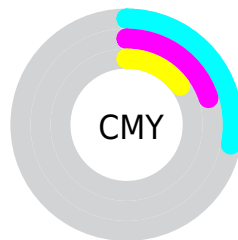
- Red (72%)
- Green (80%)
- Blue (85%)



- Red (72%)
- Yellow (77%)
- Blue (85%)



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



- Cyan (28%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9932, 58.8109, 73.4716 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 53.9932, 58.8109, 73.4716 by changing the saturation by 10% instead.

■ 53.9932, 58.8109,
73.4716

■ 53.9932, 58.8109,
73.4716

392.2829,
420.2008, 491.7622

■ 38.8269, 42.4609,
53.8675

■ 95.2212, 103.1028,
125.8736

■ 26.8052, 29.4624,
38.1033

122.0136,
131.8135, 159.5086

■ 17.5628, 19.4309,
25.7604

153.4121,
165.4132, 198.6576

■ 10.7343, 11.9820,
16.4203

189.7820,
204.2863, 243.7392

■ 5.9545, 6.7314,
9.6645

231.4886,
248.8172, 295.1719

■ 2.8578, 3.2947,
5.0744

278.8974,

■ 1.0790, 1.2875,

299.3903, 353.3743

2.2315

332.3737,
356.3901, 418.7649

■ 0.0075, 0.1315,
0.6924

■ 0.0000, 0.0000,
0.0000

■ 53.9932, 58.8109,
73.4716

■ 53.9932, 58.8109,
73.4716

■ 47.4755, 52.8785,
72.6710

■ 61.3887, 65.3239,
74.3399

■ 41.7934, 47.4988,
71.9321

■ 69.6913, 72.4299,
75.2739

■ 36.9092, 42.6520,
71.2540

■ 78.9355, 80.1495,
76.2767

■ 32.7797, 38.3140,
70.6343

■ 83.2565, 85.4612,
77.0742

■ 29.3576, 34.4587,
70.0705

■ 85.4227, 89.7937,
77.7963

■ 26.5895, 31.0567,
69.5598

■ 87.6787, 94.3056,
78.5483

■ 24.4139, 28.0744,
69.0988

■ 89.3948, 97.7379,
79.1203

■ 22.7558, 25.4711,
68.6837

■ 22.0337, 24.2356,
68.4833

Harmonies

Analogous

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



52.7189, 58.8109, 69.2101



53.9932, 58.8109, 73.4716



55.8019, 58.8109, 75.1862

Triad

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



53.9932, 58.8109, 73.4716



59.6669, 58.8109, 64.3107



54.1560, 58.8109, 55.1936

Complementary

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



53.9932, 58.8109, 73.4716



56.4862, 57.0897, 53.3909

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.



55.9942, 58.8109, 54.0449



53.9932, 58.8109, 73.4716



59.2023, 58.8109, 59.1246

Square

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



53.9932, 58.8109, 73.4716



59.1025, 58.8109, 69.7135



57.8471, 58.8109, 55.4433



52.8114, 58.8109, 58.6737

Rectangle

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



53.9932, 58.8109, 73.4716



57.0770, 58.8109, 74.5838



57.8471, 58.8109, 55.4433



54.7354, 58.8109, 54.5311

Sweetspot

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



53.9949, 58.8133, 73.4729



90.2884, 95.9003, 108.3597



54.1368, 63.2282, 60.7845



19.1389, 20.3650, 23.1721



0.0000, 0.0000, 0.0000



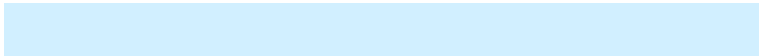
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9949, 58.8133, 73.4729



75.3055, 82.6553, 106.5928



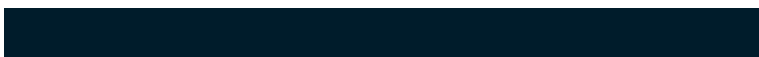
50.4324, 51.6882, 72.2854



12.4162, 13.3558, 15.8610



13.1455, 14.5528, 40.5693



0.8686, 1.0291, 2.4722

Inverse Universe

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



56.4802, 53.2890, 65.0694



79.6784, 73.1554, 91.7574



60.1832, 64.4837, 54.6232



12.7633, 12.5568, 14.6936



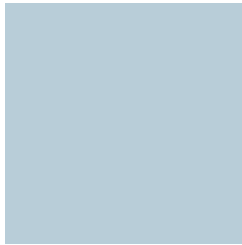
19.6941, 9.8140, 16.2251



1.2261, 0.6072, 1.1798

Previews

White Background



This preview shows how the XYZ color 53.9932, 58.8109, 73.4716 looks on a white background.

Color Contrast Check

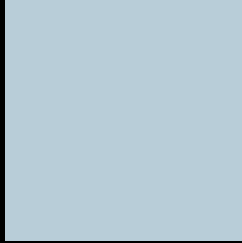
Large Text (above 18pt) WCAG AA × Fail

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 53.9932, 58.8109, 73.4716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

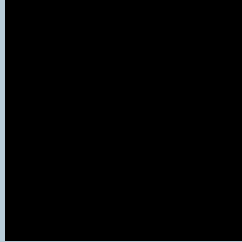
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

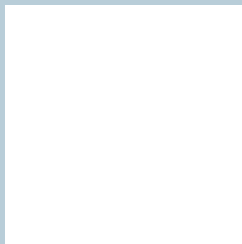
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9932, 58.8109, 73.4716

Background



This preview shows how black text looks on a background with the XYZ color 53.9932, 58.8109, 73.4716.



This preview shows how white text looks on a background with the XYZ color 53.9932, 58.8109,

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

53.9932, 58.8109, 73.4716

Protanopia

57.0216, 58.6692, 71.2697

Deuteranopia

59.8354, 58.6879, 74.5039



Tritanopia

54.6516, 58.7205, 76.8604

Trichromacy



Original Color

53.9932, 58.8109, 73.4716

Protanomaly

55.7638, 58.6982, 72.0091

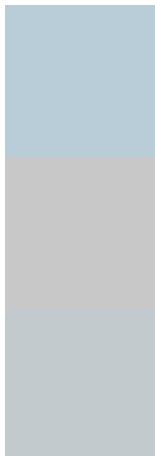
Deuteranomaly

57.3049, 58.4132, 73.9002

Tritanomaly

54.3866, 58.6145, 75.4651

Monochromacy



Original Color

53.9932, 58.8109, 73.4716

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5092, 58.1666, 66.7469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9932, 58.8109, 73.4716 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, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 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(184, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 53.9932, 58.8109, 73.4716 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, 205, 216) }
```


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

```
.border{ border-color:rgb(184, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 205, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 205, 216); box-shadow:4px 4px 4px 4px rgb(184, 205, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9932, 58.8109, 73.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 205, 216) }
```

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

```
.background{ background-color: rgb(184,  
205, 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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