

Converting Colors

XYZ(53.5200, 58.5199, 71.2938)

Have a look what the booklet for
XYZ(53.5200, 58.5199, 71.2938)
contains.

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Color

**XYZ(53.6087, 58.6571,
71.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CDD5
RGB	184, 205, 213
RGB Percent	72%, 80%, 84%
CMY	0.2784, 0.1961, 0.1647
CMYK	0.14, 0.04, 0.00, 0.16
HSL	197°, 26%, 78%
HSV	197°, 14%, 84%
XYZ	53.6087, 58.6571, 71.4473
YIQ	199.6330, -15.0840, -1.9640

Conversions

Conversions Part 2

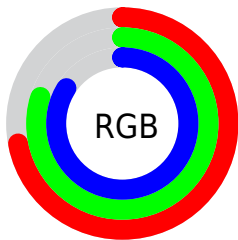
Format	Color
RYB	184, 196, 213
Decimal	12111317
CIELab	81.10, -5.43, -6.38
CIELCh	81, 8.378, 229.569
Yxy	58.6571, 0.2918, 0.3193
Android (android.graphics.Color)	4290301397 (0xFFB8CDD5)
YUV	199.6330, 6.5899, -13.7101
Hunter-Lab	76.5879, -9.0855, -1.6989

Details

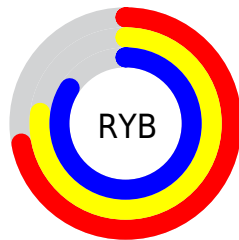
The XYZ color **53.6087, 58.6571, 71.4473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9423, 55.3058, 53.1277**, and the grayscale version is **54.6429, 57.4886, 62.6050**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **26.5982, 29.4271, 36.6259** is the 20% darker color. If you saturate the color by 10%, you get **47.5072, 53.4663, 70.7679**, and if you desaturate by 10%, it is **60.5347, 64.3543, 72.1829**.

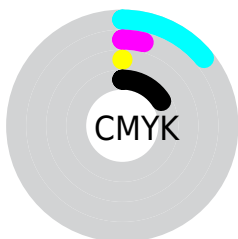
Distribution



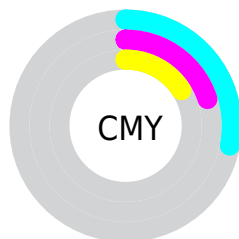
- Red (72%)
- Green (80%)
- Blue (84%)



- Red (72%)
- Yellow (77%)
- Blue (84%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6087, 58.6571, 71.4473 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 53.6087, 58.6571, 71.4473 by changing the saturation by 10% instead.

■ 53.6087, 58.6571,
71.4473

■ 53.6087, 58.6571,
71.4473

390.8388,
419.6300, 484.5413

■ 38.5183, 42.3371,
52.2232

■ 94.6597, 102.8791,
122.9708

■ 26.5643, 29.3654,
36.7996

121.3511,
131.5500, 156.1073

■ 17.3811, 19.3574,
24.7578

152.6402,
165.1066, 194.7184

■ 10.6036, 11.9288,
15.6793

188.8924,
203.9334, 239.2226

■ 5.8663, 6.6952,
9.1456

230.4730,
248.4147, 290.0385

■ 2.8038, 3.2722,
4.7382

277.7473,

■ 1.0509, 1.2755,

298.9350, 347.5845

2.0384

331.0808,
355.8786, 412.2793

■ 0.0000, 0.1221,
0.5788

■ 0.0000, 0.0000,
0.0000

■ 53.6087, 58.6571,
71.4473

■ 53.6087, 58.6571,
71.4473

■ 47.5072, 53.4663,
70.7679

■ 60.5347, 64.3543,
72.1829

■ 42.1902, 48.7559,
70.1389

■ 68.3126, 70.5683,
72.9724

■ 37.6220, 44.5080,
69.5598

■ 76.9749, 77.3183,
73.8187

■ 33.7620, 40.7010,
69.0284

■ 81.1314, 81.8261,
74.4697

■ 30.5656, 37.3110,
68.5425

■ 82.7796, 85.1225,
75.0191

■ 27.9828, 34.3111,
68.0996

■ 84.4832, 88.5297,
75.5870

■ 25.9557, 31.6708,
67.6968

■ 86.2429, 92.0490,
76.1735

■ 24.4148, 29.3532,
67.3307

■ 88.0590, 95.6813,
76.7789

■ 23.6097, 28.0027,
67.1125

■ 89.0104, 97.5842,
77.0960

Harmonies

Analogous

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



52.6565, 58.6571, 67.1331



53.6087, 58.6571, 71.4473



55.1479, 58.6571, 73.7687

Triad

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



53.6087, 58.6571, 71.4473



59.1095, 58.6571, 65.6193



54.6380, 58.6571, 55.2528

Complementary

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



53.6087, 58.6571, 71.4473



54.9423, 55.3058, 53.1277

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.



56.3602, 58.6571, 54.8946



53.6087, 58.6571, 71.4473



58.9661, 58.6571, 60.7098

Square

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



53.6087, 58.6571, 71.4473



58.3391, 58.6571, 70.2897



57.9513, 58.6571, 56.8439



53.2421, 58.6571, 57.8491

Rectangle

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



53.6087, 58.6571, 71.4473



56.3102, 58.6571, 73.7963



57.9513, 58.6571, 56.8439



55.1971, 58.6571, 54.8720

Sweetspot

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



53.6104, 58.6595, 71.4486



90.5057, 96.3350, 108.4321



53.0473, 61.5738, 58.8044



19.1940, 20.4752, 23.1904



0.0000, 0.0000, 0.0000



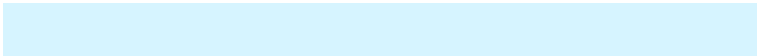
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6104, 58.6595, 71.4486



78.1152, 86.0967, 107.1090



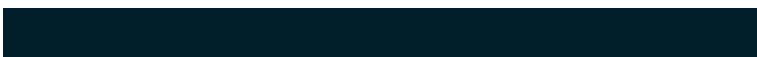
50.3583, 52.1554, 70.3646



12.4892, 13.5018, 15.8854



14.5111, 17.2839, 41.0245



0.9429, 1.1778, 2.4969

Inverse Universe

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



55.6018, 52.8361, 65.0283



81.6283, 75.9709, 95.7499



58.2208, 61.8629, 54.2205



12.8001, 12.5715, 14.8877



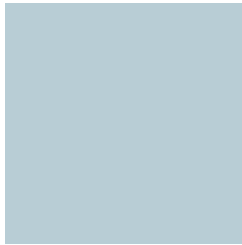
20.3834, 10.0897, 19.8547



1.2636, 0.6222, 1.3773

Previews

White Background



This preview shows how the XYZ color 53.6087, 58.6571, 71.4473 looks on a white background.

Color Contrast Check

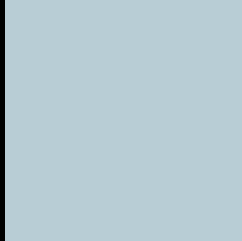
Large Text (above 18pt) WCAG AA × Fail

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 53.6087, 58.6571, 71.4473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

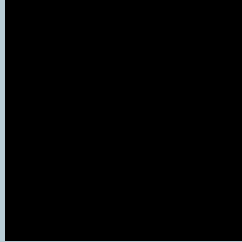
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

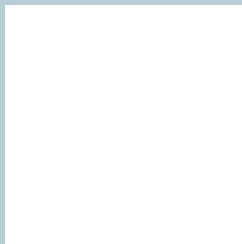
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6087, 58.6571, 71.4473

Background



This preview shows how black text looks on a background with the XYZ color 53.6087, 58.6571, 71.4473.



This preview shows how white text looks on a background with the XYZ color 53.6087, 58.6571,

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

53.6087, 58.6571, 71.4473

Protanopia

56.6443, 58.5183, 69.2824

Deuteranopia

59.5124, 58.2327, 72.3934



Tritanopia

54.5187, 58.6673, 76.1606

Trichromacy



Original Color

53.6087, 58.6571, 71.4473

Protanomaly

55.3841, 58.5463, 70.0095

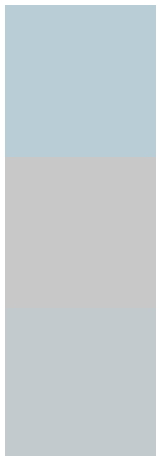
Deuteranomaly

57.1896, 58.3984, 71.8761

Tritanomaly

54.1248, 58.5098, 74.0865

Monochromacy



Original Color

53.6087, 58.6571, 71.4473

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3881, 58.1182, 66.1090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6087, 58.6571, 71.4473 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.6087, 58.6571, 71.4473 is called "border". The border property can be set on classes, ids or directly on the HTML element.

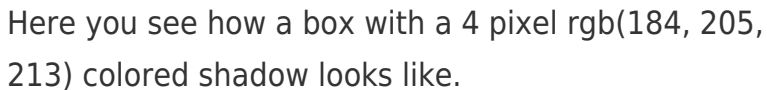
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 205, 213) }
```


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

```
.border{ border-color:rgb(184, 205, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(184, 205,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6087, 58.6571, 71.4473 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, 213) }
```

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

```
.background{ background-color: rgb(184,  
205, 213) }
```

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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