

Converting Colors

XYZ(53.7733, 56.8121, 79.3658)

Have a look what the booklet for
XYZ(53.7733, 56.8121, 79.3658)
contains.

| | |
|--|----|
| XYZ(53.7733, 56.8121, 79.3658) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(53.7733, 56.8121,
79.3658)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B7C8E1 |
| RGB | 183, 200, 225 |
| RGB Percent | 72%, 78%, 88% |
| CMY | 0.2823, 0.2157, 0.1176 |
| CMYK | 0.19, 0.11, 0.00, 0.12 |
| HSL | 216°, 41%, 80% |
| HSV | 216°, 19%, 88% |
| XYZ | 53.7733, 56.8121, 79.3658 |
| YIQ | 197.7670, -18.1570, 4.1710 |

Conversions

Conversions Part 2

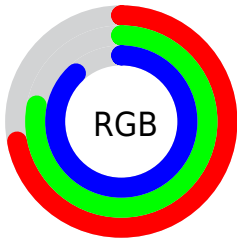
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 183, 195, 225 |
| Decimal | 12044513 |
| CIE Lab | 80.07, -0.58, -14.35 |
| CIE LCh | 80, 14.360, 267.702 |
| Yxy | 56.8121, 0.2831, 0.2991 |
| Android (android.graphics.Color) | 4290234593 (0xFFB7C8E1) |
| YUV | 197.7670, 13.4259, -12.9507 |
| Hunter-Lab | 75.3738, -4.5584, -9.6685 |

Details

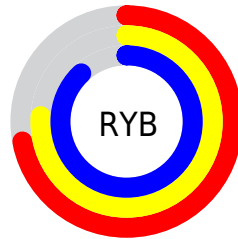
The XYZ color **53.7733, 56.8121, 79.3658** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1548, 64.5380, 53.9821**, and the grayscale version is **53.4655, 56.2498, 61.2561**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **26.7405, 28.2059, 42.0651** is the 20% darker color. If you saturate the color by 10%, you get **45.8768, 48.3383, 78.1473**, and if you desaturate by 10%, it is **62.8004, 66.2749, 80.7175**.

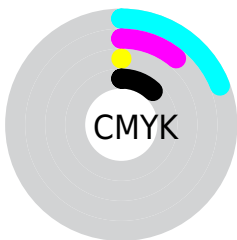
Distribution



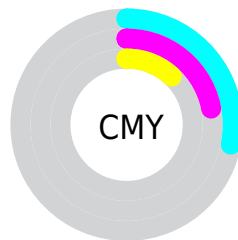
- Red (72%)
- Green (78%)
- Blue (88%)



- Red (72%)
- Yellow (76%)
- Blue (88%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7733, 56.8121, 79.3658 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 53.7733, 56.8121, 79.3658 by changing the saturation by 10% instead.

■ 53.7733, 56.8121,
79.3658

■ 53.7733, 56.8121,
79.3658

391.4574,
412.7449, 512.4433

■ 38.6504, 40.8544,
58.6735

■ 94.9002, 100.1910,
134.2770

■ 26.6674, 28.2053,
41.9321

121.6348,
128.3809, 169.3331

■ 17.4589, 18.4805,
28.7229

152.9708,
161.4171, 210.0141

■ 10.6595, 11.2955,
18.6276

189.2734,
199.6839, 256.7387

■ 5.9040, 6.2660,
11.2274

230.9080,
243.5656, 309.9254

■ 2.8269, 3.0075,
6.1039

278.2400,

■ 1.0629, 1.1356,

293.4468, 369.9927

2.8386

331.6346,
349.7117, 437.3591

■ 0.0000, 0.0082,
1.0128

■ 0.0000, 0.0000,
0.0000

■ 53.7733, 56.8121,
79.3658

■ 53.7733, 56.8121,
79.3658

■ 45.8768, 48.3383,
78.1473

■ 62.8004, 66.2749,
80.7175

■ 39.0584, 40.8118,
77.0539

■ 72.9974, 76.7527,
82.2024

■ 33.2685, 34.1979,
76.0825

■ 84.4083, 88.2789,
83.8258

■ 28.4517, 28.4567,
75.2282

■ 90.1365, 97.3077,
85.2666

■ 24.5468, 23.5449,
74.4859

■ 90.5908, 98.2163,
85.4180

■ 21.4848, 19.4148,
73.8501

■ 19.1854, 16.0119,
73.3145

■ 17.5315, 13.2619,
72.8708

■ 17.3392, 12.9331,
72.8175

Harmonies

Analogous

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



51.0520, 56.8121, 76.4780



53.7733, 56.8121, 79.3658



56.6519, 56.8121, 77.2233

Triad

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



53.7733, 56.8121, 79.3658



59.1258, 56.8121, 54.6774



49.3878, 56.8121, 53.6549

Complementary

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



53.7733, 56.8121, 79.3658



62.1548, 64.5380, 53.9821

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.



51.4287, 56.8121, 48.6805



53.7733, 56.8121, 79.3658



57.0556, 56.8121, 49.2324

Square

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



53.7733, 56.8121, 79.3658



59.8077, 56.8121, 62.5059



54.2237, 56.8121, 47.1364



48.5777, 56.8121, 61.2160

Rectangle

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



53.7733, 56.8121, 79.3658



58.2605, 56.8121, 73.3292



54.2237, 56.8121, 47.1364



49.9490, 56.8121, 51.6515

Sweetspot

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



53.7750, 56.8144, 79.3671



86.8069, 91.5397, 107.7015



57.7784, 68.4482, 69.5201



18.3956, 19.4026, 23.0255



0.0000, 0.0000, 0.0000



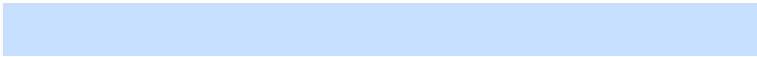
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7750, 56.8144, 79.3671



67.5946, 71.3844, 104.8237



50.8966, 49.8063, 78.1661



13.4053, 14.1497, 17.4123



10.0993, 7.6682, 41.9962



0.7862, 0.7039, 2.9397

Inverse Universe

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



58.4115, 54.0460, 61.9995



74.7731, 67.3139, 77.8858



65.4447, 72.7210, 55.3882



13.9360, 13.7920, 15.4334



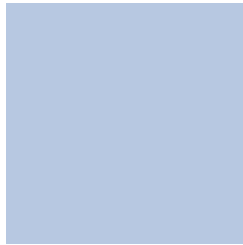
19.0379, 9.6822, 6.8652



1.3631, 0.6885, 0.7050

Previews

White Background



This preview shows how the XYZ color 53.7733, 56.8121, 79.3658 looks on a white background.

Color Contrast Check

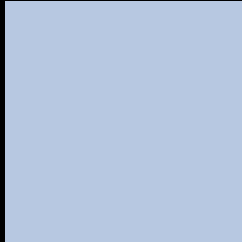
Large Text (above 18pt) WCAG AA × Fail

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 53.7733, 56.8121, 79.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

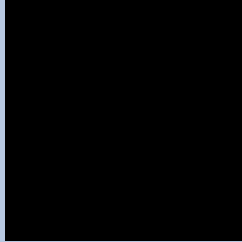
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7733, 56.8121, 79.3658

Background



This preview shows how black text looks on a background with the XYZ color 53.7733, 56.8121, 79.3658.



This preview shows how white text looks on a background with the XYZ color 53.7733, 56.8121,

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

53.7733, 56.8121, 79.3658

Protanopia

55.5337, 56.7296, 77.8350

Deuteranopia

57.6993, 56.4683, 79.8099



Tritanopia

52.7024, 56.7281, 73.8175

Trichromacy



Original Color

53.7733, 56.8121, 79.3658

Protanomaly

54.8838, 56.7171, 78.5758

Deuteranomaly

56.2323, 56.7066, 79.9332

Tritanomaly

53.0963, 56.8857, 75.8917

Monochromacy



Original Color

53.7733, 56.8121, 79.3658

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8009, 56.7384, 67.7905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7733, 56.8121, 79.3658 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(183, 200, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 200, 225)  
}
```

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(183, 200, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 200, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.7733, 56.8121, 79.3658 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(183, 200, 225) }
```


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

```
.border{ border-color:rgb(183, 200, 225) }
```

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

Here you see how a box with a 4 pixel rgb(183, 200, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 200, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 200, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 200,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7733, 56.8121, 79.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 200, 225) }
```

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

```
.background{ background-color: rgb(183,  
200, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor