

Converting Colors

XYZ(53.3369, 56.1360, 80.3370)

Have a look what the booklet for
XYZ(53.3369, 56.1360, 80.3370)
contains.

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Color

**XYZ(53.5800, 56.3380,
80.7234)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C7E3
RGB	182, 199, 227
RGB Percent	71%, 78%, 89%
CMY	0.2863, 0.2196, 0.1098
CMYK	0.20, 0.12, 0.00, 0.11
HSL	217°, 45%, 80%
HSV	217°, 20%, 89%
XYZ	53.5800, 56.3380, 80.7234
YIQ	197.1090, -19.1200, 5.1040

Conversions

Conversions Part 2

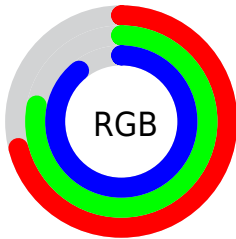
Format	Color
R _Y B	182, 194, 227
Decimal	11978723
CIE Lab	79.81, 0.08, -15.83
CIE LCh	80, 15.831, 270.302
Yxy	56.3380, 0.2811, 0.2955
Android (android.graphics.Color)	4290168803 (0xFFB6C7E3)
YUV	197.1090, 14.7363, -13.2506
Hunter-Lab	75.0586, -3.9319, -11.2236

Details

The XYZ color **53.5800, 56.3380, 80.7234** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.1692, 65.8017, 53.6290**, and the grayscale version is **53.0602, 55.8235, 60.7918**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.6251, 27.8965, 43.0110** is the 20% darker color. If you saturate the color by 10%, you get **45.5475, 47.5960, 79.4603**, and if you desaturate by 10%, it is **62.7866, 66.1358, 82.1302**.

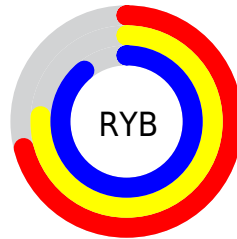
Distribution



Red (71%)

Green (78%)

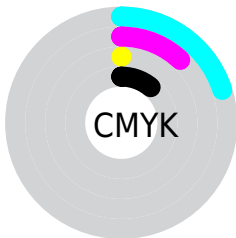
Blue (89%)



Red (71%)

Yellow (76%)

Blue (89%)

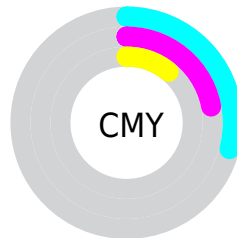


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5800, 56.3380, 80.7234 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 53.5800, 56.3380, 80.7234 by changing the saturation by 10% instead.

■ 53.5800, 56.3380,
80.7234

■ 53.5800, 56.3380,
80.7234

390.7309,
410.9640, 517.1383

■ 38.4953, 40.4740,
59.7842

■ 94.6178, 99.4986,
136.2029

■ 26.5463, 27.9083,
42.8205

121.3016,
127.5640, 171.5802

■ 17.3676, 18.2565,
29.4140

152.5825,
160.4652, 212.6073

■ 10.5938, 11.1343,
19.1459

188.8259,
198.5868, 259.7027

■ 5.8597, 6.1573,
11.5979

230.3971,
242.3131, 313.2850

■ 2.7998, 2.9409,
6.3513

277.6614,

■ 1.0488, 1.1010,

292.0285, 373.7727

2.9876

330.9842,
348.1173, 441.5842

■ 0.0000, 0.0000,
1.0883

■ 0.0000, 0.0000,
0.0000

■ 53.5800, 56.3380,
80.7234

■ 53.5800, 56.3380,
80.7234

■ 45.5475, 47.5960,
79.4603

■ 62.7866, 66.1358,
82.1302

■ 38.6339, 39.8651,
78.3325

■ 73.2089, 77.0183,
83.6815

■ 32.7871, 33.1072,
77.3362

■ 84.8929, 89.0218,
85.3826

■ 27.9487, 27.2788,
76.4662

■ 90.8653, 98.3261,
86.8637

■ 24.0541, 22.3326,
75.7168

■ 21.0302, 18.2165,
75.0817

■ 18.7916, 14.8707,
74.5539

■ 17.1994, 12.2069,
74.1236

■ 17.1745, 12.1645,
74.1167

Harmonies

Analogous

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



50.5541, 56.3380, 77.9735



53.5800, 56.3380, 80.7234



56.7152, 56.3380, 77.8646

Triad

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



53.5800, 56.3380, 80.7234



59.0425, 56.3380, 52.8671



48.3744, 56.3380, 53.0129

Complementary

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



53.5800, 56.3380, 80.7234



63.1692, 65.8017, 53.6290

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.



50.5001, 56.3380, 47.3404



53.5800, 56.3380, 80.7234



56.6569, 56.3380, 47.2623

Square

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



53.5800, 56.3380, 80.7234



59.9449, 56.3380, 61.2497



53.5152, 56.3380, 45.3421



47.6224, 56.3380, 61.4354

Rectangle

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



53.5800, 56.3380, 80.7234



58.4270, 56.3380, 73.3117



53.5152, 56.3380, 45.3421



48.9477, 56.3380, 50.7526

Sweetspot

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



53.5817, 56.3403, 80.7247



86.6814, 91.2889, 107.6597



58.3634, 69.5250, 71.1544



18.3660, 19.3434, 23.0156



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.



53.5817, 56.3403, 80.7247



65.0398, 68.2488, 104.3531



51.1491, 49.5998, 79.5518



14.0268, 14.7751, 18.2569



10.1197, 7.3015, 43.2591



0.8350, 0.7139, 3.2258

Inverse Universe

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



58.7167, 53.9118, 61.3467



73.0016, 64.7603, 74.2454



65.9613, 73.8067, 55.0270



14.6011, 14.4576, 16.1000



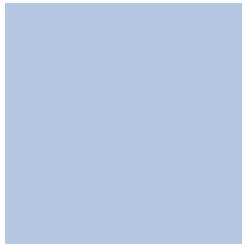
19.5015, 9.9348, 6.2697



1.4851, 0.7517, 0.6950

Previews

White Background



This preview shows how the XYZ color 53.5800, 56.3380, 80.7234 looks on a white background.

Color Contrast Check

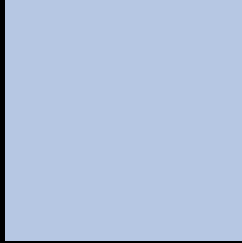
Large Text (above 18pt) WCAG AA × Fail

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 53.5800, 56.3380, 80.7234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

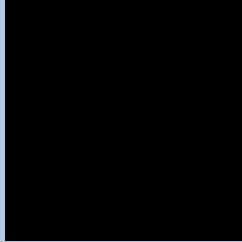
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

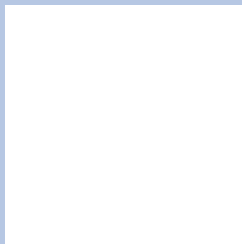
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5800, 56.3380, 80.7234

Background



This preview shows how black text looks on a background with the XYZ color 53.5800, 56.3380, 80.7234.



This preview shows how white text looks on a background with the XYZ color 53.5800, 56.3380,

80.7234.

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

53.5800, 56.3380, 80.7234

Protanopia

55.3229, 56.2536, 79.1764

Deuteranopia

57.4307, 56.2979, 81.2385



Tritanopia

52.2334, 56.4863, 73.7956

Trichromacy



Original Color

53.5800, 56.3380, 80.7234

Protanomaly

54.6800, 56.2423, 79.9254

Deuteranomaly

56.0244, 56.2338, 81.3002

Tritanomaly

52.7615, 56.3528, 76.5030

Monochromacy



Original Color

53.5800, 56.3380, 80.7234

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3175, 56.1487, 67.7022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5800, 56.3380, 80.7234 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(182, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 227)  
}
```

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(182, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 227) }
```

Border

The CSS property to change the border of an element to XYZ 53.5800, 56.3380, 80.7234 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(182, 199, 227) }
```


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

```
.border{ border-color:rgb(182, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5800, 56.3380, 80.7234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 227) }
```

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

```
.background{ background-color: rgb(182,  
199, 227) }
```

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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