

Converting Colors

XYZ(53.8937, 56.9723, 80.7991)

Have a look what the booklet for
XYZ(53.8937, 56.9723, 80.7991)
contains.

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Color

**XYZ(53.8108, 56.7997,
80.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C8E3
RGB	182, 200, 227
RGB Percent	71%, 78%, 89%
CMY	0.2863, 0.2157, 0.1098
CMYK	0.20, 0.12, 0.00, 0.11
HSL	216°, 45%, 80%
HSV	216°, 20%, 89%
XYZ	53.8108, 56.7997, 80.8003
YIQ	197.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

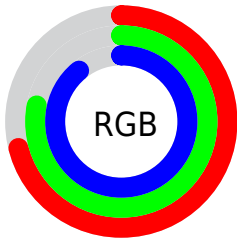
Format	Color
RYB	182, 195, 227
Decimal	11978979
CIELab	80.07, -0.45, -15.44
CIELCh	80, 15.445, 268.332
Yxy	56.7997, 0.2811, 0.2967
Android (android.graphics.Color)	4290169059 (0xFFB6C8E3)
YUV	197.6960, 14.4469, -13.7654
Hunter-Lab	75.3656, -4.4413, -10.8096

Details

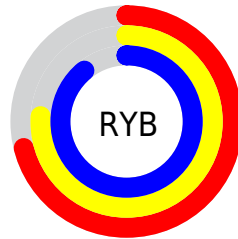
The XYZ color **53.8108, 56.7997, 80.8003** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.9230, 65.3092, 53.5468**, and the grayscale version is **53.4170, 56.1988, 61.2005**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.7785, 28.2035, 43.0622** is the 20% darker color. If you saturate the color by 10%, you get **45.8636, 48.2284, 79.5657**, and if you desaturate by 10%, it is **62.9114, 66.3856, 82.1718**.

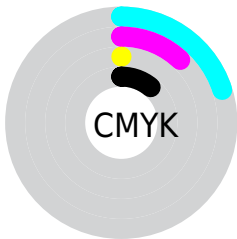
Distribution



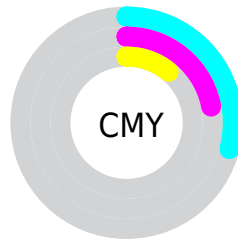
- Red (71%)
- Green (78%)
- Blue (89%)



- 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 53.8108, 56.7997, 80.8003 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 53.8108, 56.7997, 80.8003 by changing the saturation by 10% instead.

■ 53.8108, 56.7997,
80.8003

■ 53.8108, 56.7997,
80.8003

391.5983,
412.6983, 517.4035

■ 38.6805, 40.8444,
59.8471

■ 94.9549, 100.1729,
136.3119

■ 26.6909, 28.1976,
42.8709

121.6994,
128.3596, 171.7073

■ 17.4766, 18.4746,
29.4532

153.0460,
161.3922, 212.7540

■ 10.6723, 11.2913,
19.1754

189.3601,
199.6552, 259.8703

■ 5.9126, 6.2631,
11.6190

231.0070,
243.5329, 313.4749

■ 2.8321, 3.0057,
6.3654

278.3521,

■ 1.0656, 1.1347,

293.4097, 373.9863

2.9962

331.7607,
349.6701, 441.8230

■ 0.0000, 0.0074,
1.0927

■ 0.0000, 0.0000,
0.0000

■ 53.8108, 56.7997,
80.8003

■ 53.8108, 56.7997,
80.8003

■ 45.8636, 48.2284,
79.5657

■ 62.9114, 66.3856,
82.1718

■ 39.0155, 40.6286,
78.4597

■ 73.2063, 77.0132,
83.6806

■ 33.2155, 33.9640,
77.4790

■ 84.7406, 88.7174,
85.3318

■ 28.4060, 28.1933,
76.6186

■ 90.6996, 97.9947,
86.8084

■ 24.5234, 23.2713,
75.8732

■ 90.8653, 98.3261,
86.8636

■ 21.4958, 19.1479,
75.2369

■ 19.2392, 15.7659,
74.7030

■ 17.6160, 13.0400,
74.2624

■ 17.5904, 12.9962,
74.2553

Harmonies

Analogous

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



50.8767, 56.7997, 77.7693



53.8108, 56.7997, 80.8003



56.9043, 56.7997, 78.3573

Triad

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



53.8108, 56.7997, 80.8003



59.4801, 56.7997, 53.9926



49.0065, 56.7997, 53.2000

Complementary

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



53.8108, 56.7997, 80.8003



62.9230, 65.3092, 53.5468

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.



51.1700, 56.7997, 47.8328



53.8108, 56.7997, 80.8003



57.2203, 56.7997, 48.2583

Square

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



53.8108, 56.7997, 80.8003



60.2526, 56.7997, 62.3501



54.1624, 56.7997, 46.1138



48.1705, 56.7997, 61.3431

Rectangle

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



53.8108, 56.7997, 80.8003



58.6259, 56.7997, 74.0745



54.1624, 56.7997, 46.1138



49.5984, 56.7997, 51.0420

Sweetspot

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



53.8125, 56.8020, 80.8016



86.7847, 91.4954, 107.6941



58.1776, 69.4507, 70.1760



18.3904, 19.3921, 23.0237



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.



53.8125, 56.8020, 80.8016



65.3917, 68.9527, 104.4704



50.7833, 49.4111, 79.5346



14.0537, 14.8287, 18.2659



10.3655, 7.7932, 43.3411



0.8549, 0.7537, 3.2324

Inverse Universe

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



58.8332, 53.9583, 61.9603



73.1793, 64.8314, 75.1809



66.4221, 74.0443, 55.0484



14.6147, 14.4631, 16.1713



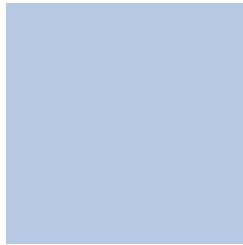
19.6256, 9.9844, 6.9231



1.4951, 0.7558, 0.7478

Previews

White Background



This preview shows how the XYZ color 53.8108, 56.7997, 80.8003 looks on a white background.

Color Contrast Check

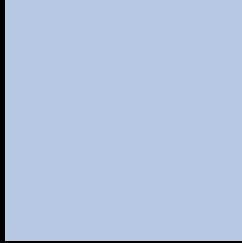
Large Text (above 18pt) WCAG AA × Fail

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 53.8108, 56.7997, 80.8003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

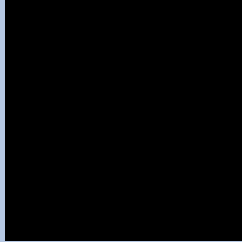
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8108, 56.7997, 80.8003

Background



This preview shows how black text looks on a background with the XYZ color 53.8108, 56.7997, 80.8003.



This preview shows how white text looks on a background with the XYZ color 53.8108, 56.7997,

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

53.8108, 56.7997, 80.8003

Protanopia

55.8050, 56.8381, 79.2638

Deuteranopia

57.7022, 56.4379, 81.2512



Tritanopia

52.5978, 57.0063, 74.5608

Trichromacy



Original Color

53.8108, 56.7997, 80.8003

Protanomaly

55.1568, 56.8263, 80.0130

Deuteranomaly

56.2492, 56.6834, 81.3751

Tritanomaly

52.9938, 56.8175, 76.5804

Monochromacy



Original Color

53.8108, 56.7997, 80.8003

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6703, 56.6568, 68.4287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8108, 56.7997, 80.8003 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, 200, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 200, 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, 200, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 200, 227) }
```

Border

The CSS property to change the border of an element to XYZ 53.8108, 56.7997, 80.8003 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, 200, 227) }
```


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

```
.border{ border-color:rgb(182, 200, 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, 200, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 200, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 200, 227); box-shadow:4px 4px 4px 4px rgb(182, 200, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8108, 56.7997, 80.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 200, 227) }
```

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

```
.background{ background-color: rgb(182,  
200, 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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