

Converting Colors

XYZ(53.7153, 55.5456, 80.5633)

Have a look what the booklet for
XYZ(53.7153, 55.5456, 80.5633)
contains.

XYZ(53.6126, 55.3402, 80.5291)	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(53.6126, 55.3402,
80.5291)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4E3
RGB	185, 196, 227
RGB Percent	73%, 77%, 89%
CMY	0.2745, 0.2314, 0.1098
CMYK	0.19, 0.14, 0.00, 0.11
HSL	224°, 43%, 81%
HSV	224°, 19%, 89%
XYZ	53.6126, 55.3402, 80.5291
YIQ	196.2450, -16.5070, 7.3090

Conversions

Conversions Part 2

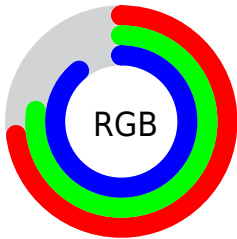
Format	Color
R _Y B	185, 194, 227
Decimal	12174563
CIE Lab	79.24, 2.62, -16.67
CIE LCh	79, 16.871, 278.933
Yxy	55.3402, 0.2829, 0.2921
Android (android.graphics.Color)	4290364643 (0xFFB9C4E3)
YUV	196.2450, 15.1622, -9.8619
Hunter-Lab	74.3910, -1.5417, -12.1084

Details

The XYZ color **53.6126, 55.3402, 80.5291** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.9918, 68.9452, 55.7824**, and the grayscale version is **52.5366, 55.2726, 60.1919**.

A 20% lighter version of the original color is **89.4509, 96.1713, 108.4561**, and **26.4795, 27.1499, 42.8746** is the 20% darker color. If you saturate the color by 10%, you get **44.9974, 45.6000, 79.1040**, and if you desaturate by 10%, it is **63.5275, 66.3797, 82.1383**.

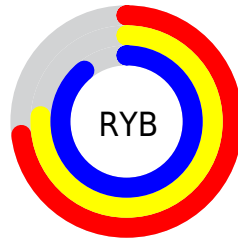
Distribution



Red (73%)

Green (77%)

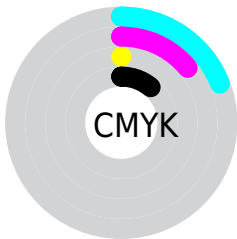
Blue (89%)



Red (73%)

Yellow (76%)

Blue (89%)

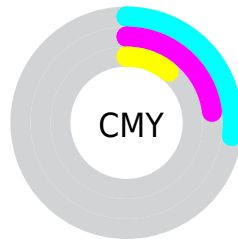


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (23%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6126, 55.3402, 80.5291 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 53.6126, 55.3402, 80.5291 by changing the saturation by 10% instead.

■ 53.6126, 55.3402,
80.5291

■ 53.6126, 55.3402,
80.5291

390.8535,
407.2002, 516.4679

■ 38.5215, 39.6742,
59.6251

■ 94.6654, 98.0392,
135.9275

■ 26.5667, 27.2846,
42.6932

121.3578,
125.8410, 171.2589

■ 17.3830, 17.7871,
29.3149

152.6480,
158.4568, 212.2367

■ 10.6049, 10.7972,
19.0715

188.9014,
196.2711, 259.2792

■ 5.8672, 5.9307,
11.5446

230.4833,
239.6681, 312.8050

■ 2.8044, 2.8030,
6.3157

277.7590,

■ 1.0512, 1.0297,

289.0324, 373.2327

2.9661

331.0940,
344.7483, 440.9808

■ 0.0000, 0.0000,
1.0773

■ 0.0000, 0.0000,
0.0000

■ 53.6126, 55.3402,
80.5291

■ 53.6126, 55.3402,
80.5291

■ 44.9974, 45.6000,
79.1040

■ 63.5275, 66.3797,
82.1383

■ 37.6216, 37.1032,
77.8527

■ 74.7887, 78.7578,
83.9339

■ 31.4276, 29.8000,
76.7695

■ 87.4471, 92.5208,
85.9233

■ 26.3511, 23.6344,
75.8470

■ 90.8653, 98.3261,
86.8637

■ 22.3211, 18.5454,
75.0771

■ 19.2582, 14.4659,
74.4511

■ 17.0704, 11.3201,
73.9592

■ 15.6292, 9.0107,
73.5894

■ 15.4533, 8.7221,
73.5430

Harmonies

Analogous

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



50.3023, 55.3402, 79.3024



53.6126, 55.3402, 80.5291



56.7807, 55.3402, 75.8892

Triad

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



53.6126, 55.3402, 80.5291



57.8069, 55.3402, 49.3220



46.7766, 55.3402, 53.8232

Complementary

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



53.6126, 55.3402, 80.5291



64.9918, 68.9452, 55.7824

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.



48.6282, 55.3402, 46.9323



53.6126, 55.3402, 80.5291



54.9650, 55.3402, 44.5331

Square

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



53.6126, 55.3402, 80.5291



59.2693, 55.3402, 57.4180



51.5987, 55.3402, 43.7076



46.4493, 55.3402, 63.1862

Rectangle

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



53.6126, 55.3402, 80.5291



58.3520, 55.3402, 70.3578



51.5987, 55.3402, 43.7076



47.2375, 55.3402, 51.1707

Sweetspot

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



53.6143, 55.3425, 80.5303



86.1463, 90.2186, 107.4813



59.8465, 70.2010, 75.2272



18.2398, 19.0909, 22.9735



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.



53.6143, 55.3425, 80.5303



65.5211, 67.2374, 104.1325



53.6692, 51.8207, 79.8477



13.8883, 14.4980, 18.2107



9.0931, 5.2484, 42.9170



0.7461, 0.5362, 3.1961

Inverse Universe

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



58.9927, 55.0156, 59.7370



73.7265, 66.8953, 72.3745



64.9018, 73.2243, 56.6131



14.5312, 14.4297, 15.7317



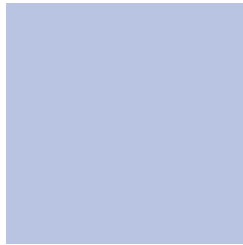
18.9833, 9.7275, 3.5411



1.4402, 0.7338, 0.4588

Previews

White Background



This preview shows how the XYZ color 53.6126, 55.3402, 80.5291 looks on a white background.

Color Contrast Check

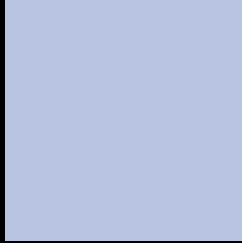
Large Text (above 18pt) WCAG AA × Fail

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 53.6126, 55.3402, 80.5291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

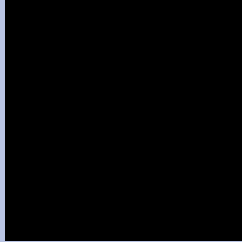
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6126, 55.3402, 80.5291

Background



This preview shows how black text looks on a background with the XYZ color 53.6126, 55.3402, 80.5291.



This preview shows how white text looks on a background with the XYZ color 53.6126, 55.3402,

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

53.6126, 55.3402, 80.5291

Protanopia

54.2545, 55.0217, 79.7122

Deuteranopia

56.4538, 55.1424, 81.0669



Tritanopia

51.8601, 55.3105, 71.5610

Trichromacy



Original Color

53.6126, 55.3402, 80.5291

Protanomaly

53.9816, 55.2126, 79.7635

Deuteranomaly

55.5792, 55.3435, 81.1518

Tritanomaly

52.5196, 55.2373, 74.9116

Monochromacy



Original Color

53.6126, 55.3402, 80.5291

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7406, 55.1913, 66.9047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6126, 55.3402, 80.5291 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(185, 196, 227)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 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(185, 196, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 227) }
```

Border

The CSS property to change the border of an element to XYZ 53.6126, 55.3402, 80.5291 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(185, 196, 227) }
```


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

```
.border{ border-color:rgb(185, 196, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 227);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6126, 55.3402, 80.5291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 227) }
```

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

```
.background{ background-color: rgb(185,  
196, 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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