

Converting Colors

XYZ(53.0110, 54.4148, 79.9424)

Have a look what the booklet for
XYZ(53.0110, 54.4148, 79.9424)
contains.

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Color

**XYZ(53.0268, 54.3888,
79.6548)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C2E2
RGB	185, 194, 226
RGB Percent	73%, 76%, 89%
CMY	0.2745, 0.2392, 0.1137
CMYK	0.18, 0.14, 0.00, 0.11
HSL	227°, 41%, 81%
HSV	227°, 18%, 89%
XYZ	53.0268, 54.3888, 79.6548
YIQ	194.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

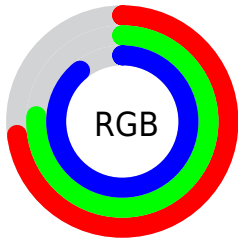
Format	Color
RYB	185, 192, 226
Decimal	12174050
CIELab	78.69, 3.48, -16.96
CIELCh	79, 17.308, 281.584
Yxy	54.3888, 0.2835, 0.2907
Android (android.graphics.Color)	4290364130 (0xFFB9C2E2)
YUV	194.9570, 15.3042, -8.7323
Hunter-Lab	73.7488, -0.7154, -12.4140

Details

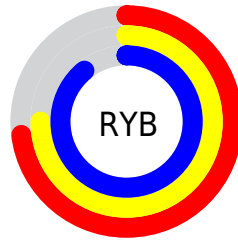
The XYZ color **53.0268, 54.3888, 79.6548** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.9343, 69.2972, 55.8535**, and the grayscale version is **51.7659, 54.4618, 59.3089**.

A 20% lighter version of the original color is **88.5112, 94.2920, 108.1429**, and **26.2356, 26.8153, 42.3212** is the 20% darker color. If you saturate the color by 10%, you get **44.3070, 44.4091, 78.1890**, and if you desaturate by 10%, it is **63.0825, 65.7516, 81.3189**.

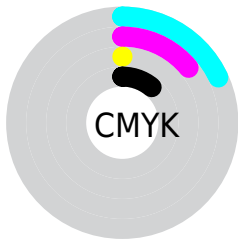
Distribution



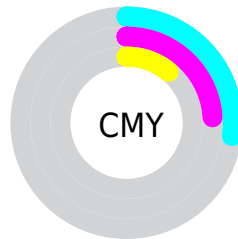
- Red (73%)
- Green (76%)
- Blue (89%)



- Red (73%)
- Yellow (75%)
- Blue (89%)



- Cyan (18%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0268, 54.3888, 79.6548 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 53.0268, 54.3888, 79.6548 by changing the saturation by 10% instead.

■ 53.0268, 54.3888,
79.6548

■ 53.0268, 54.3888,
79.6548

388.6471,
403.5909, 513.4448

■ 38.0517, 38.9126,
58.9098

■ 93.8091, 96.6449,
134.6873

■ 26.2002, 26.6917,
42.1210

120.3470,
124.1935, 169.8119

■ 17.1070, 17.3418,
28.8698

151.4700,
156.5351, 210.5668

■ 10.4066, 10.4785,
18.7376

187.5433,
194.0540, 257.3706

■ 5.7337, 5.7174,
11.3059

228.9323,
237.1347, 310.6417

■ 2.7229, 2.6740,
6.1563

276.0023,

■ 1.0090, 0.9640,

286.1614, 370.7988

2.8700

329.1188,
341.5187, 438.2603

■ 0.0000, 0.0000,
1.0286

■ 0.0000, 0.0000,
0.0000

■ 53.0268, 54.3888,
79.6548

■ 53.0268, 54.3888,
79.6548

■ 44.3070, 44.4091,
78.1890

■ 63.0825, 65.7516,
81.3189

■ 36.8610, 35.7522,
76.9105

■ 74.5227, 78.5413,
83.1846

■ 30.6291, 28.3633,
75.8128

■ 87.3995, 92.8081,
85.2597

■ 25.5449, 22.1811,
74.8874

■ 90.7276, 98.2711,
86.1388

■ 21.5352, 17.1387,
74.1255

■ 18.5179, 13.1625,
73.5170

■ 16.3984, 10.1694,
73.0510

■ 15.0488, 8.0553,
72.7141

■ 14.8521, 7.7400,
72.6636

Harmonies

Analogous

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



49.6449, 54.3888, 78.9489



53.0268, 54.3888, 79.6548



56.1840, 54.3888, 74.4557

Triad

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



53.0268, 54.3888, 79.6548



56.7720, 54.3888, 47.5779



45.7026, 54.3888, 53.4667

Complementary

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



53.0268, 54.3888, 79.6548



64.9343, 69.2972, 55.8535

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.



47.4515, 54.3888, 46.2191



53.0268, 54.3888, 79.6548



53.8006, 54.3888, 43.0867

Square

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



53.0268, 54.3888, 79.6548



58.4092, 54.3888, 55.5180



50.3855, 54.3888, 42.6184



45.5160, 54.3888, 63.0833

Rectangle

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



53.0268, 54.3888, 79.6548



57.6977, 54.3888, 68.6434



50.3855, 54.3888, 42.6184



46.1236, 54.3888, 50.7014

Sweetspot

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



53.0285, 54.3910, 79.6560



87.4212, 91.4762, 107.6568



59.6558, 69.6883, 75.5679



18.4903, 19.3316, 23.0068



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.



53.0285, 54.3910, 79.6560



64.9250, 66.0451, 103.9338



53.8252, 51.9170, 79.1365



13.1949, 13.7288, 17.3422



8.5450, 4.5596, 41.4781



0.6584, 0.4483, 2.8971

Inverse Universe

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



58.4519, 54.7630, 58.5309



73.4256, 66.7749, 70.7900



63.9982, 72.3537, 56.4928



13.8298, 13.7496, 14.8740



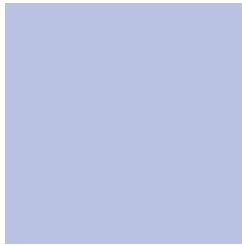
18.2533, 9.3683, 2.7339



1.2986, 0.6627, 0.3652

Previews

White Background



This preview shows how the XYZ color 53.0268, 54.3888, 79.6548 looks on a white background.

Color Contrast Check

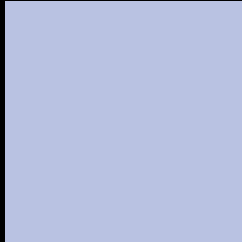
Large Text (above 18pt) WCAG AA × Fail

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 53.0268, 54.3888, 79.6548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

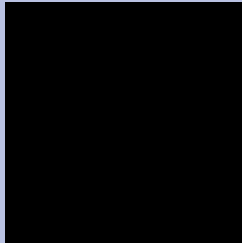
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0268, 54.3888, 79.6548

Background



This preview shows how black text looks on a background with the XYZ color 53.0268, 54.3888, 79.6548.



This preview shows how white text looks on a background with the XYZ color 53.0268, 54.3888,

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

53.0268, 54.3888, 79.6548

Protanopia

53.6468, 54.3950, 78.9060

Deuteranopia

55.5673, 54.3787, 80.2405



Tritanopia

50.9150, 54.1784, 70.0613

Trichromacy



Original Color

53.0268, 54.3888, 79.6548

Protanomaly

53.3996, 54.2675, 78.8944

Deuteranomaly

54.4882, 54.1451, 80.2523

Tritanomaly

51.5679, 54.1072, 73.3715

Monochromacy



Original Color

53.0268, 54.3888, 79.6548

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1415, 54.5628, 66.1760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0268, 54.3888, 79.6548 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, 194, 226)` looks like.

```
.text, #text, p{  
    color:rgb(185, 194, 226)  
}
```

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, 194, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.0268, 54.3888, 79.6548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

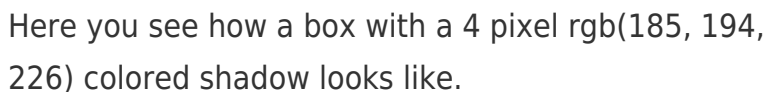
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 194, 226) }
```


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

```
.border{ border-color:rgb(185, 194, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 194, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 194, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 194, 226);  
box-shadow:4px 4px 4px 4px rgb(185, 194,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0268, 54.3888, 79.6548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 226) }
```

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

```
.background{ background-color: rgb(185,  
194, 226) }
```

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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