

Converting Colors

XYZ(54.3098, 54.9195, 82.5112)

Have a look what the booklet for
XYZ(54.3098, 54.9195, 82.5112)
contains.

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Color

**XYZ(54.3138, 54.9881,
82.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC2E6
RGB	188, 194, 230
RGB Percent	74%, 76%, 90%
CMY	0.2627, 0.2392, 0.0980
CMYK	0.18, 0.16, 0.00, 0.10
HSL	231°, 46%, 82%
HSV	231°, 18%, 90%
XYZ	54.3138, 54.9881, 82.6140
YIQ	196.3100, -15.1320, 9.9240

Conversions

Conversions Part 2

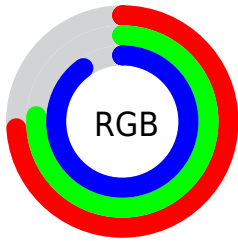
Format	Color
R _Y B	188, 193, 230
Decimal	12370662
CIE Lab	79.03, 5.29, -18.56
CIE LCh	79, 19.301, 285.893
Yxy	54.9881, 0.2830, 0.2865
Android (android.graphics.Color)	4290560742 (0xFFBCC2E6)
YUV	196.3100, 16.6092, -7.2879
Hunter-Lab	74.1540, 0.9722, -14.1465

Details

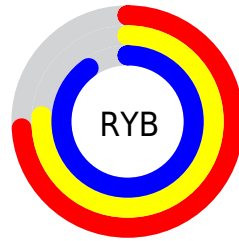
The XYZ color **54.3138, 54.9881, 82.6140** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.3665, 73.7653, 58.2133**, and the grayscale version is **52.5667, 55.3042, 60.2263**.

A 20% lighter version of the original color is **89.8918, 95.0037, 108.2075**, and **26.9964, 27.1741, 43.8667** is the 20% darker color. If you saturate the color by 10%, you get **44.9929, 44.0974, 81.0040**, and if you desaturate by 10%, it is **65.1230, 67.5128, 84.4627**.

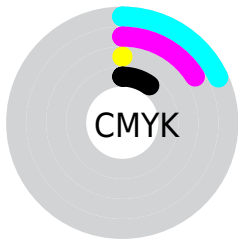
Distribution



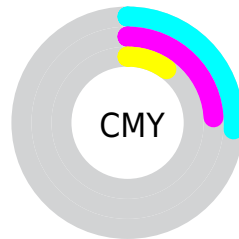
- Red (74%)
- Green (76%)
- Blue (90%)



- Red (74%)
- Yellow (76%)
- Blue (90%)



- Cyan (18%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3138, 54.9881, 82.6140 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 54.3138, 54.9881, 82.6140 by changing the saturation by 10% instead.

■ 54.3138, 54.9881,
82.6140

■ 54.3138, 54.9881,
82.6140

393.4844,
405.8668, 523.6364

■ 39.0843, 39.3922,
61.3330

■ 95.6890, 97.5235,
138.8791

■ 27.0063, 27.0650,
44.0617

122.5654,
125.2318, 174.7003

■ 17.7146, 17.6220,
30.3814

154.0548,
157.7464, 216.2053

■ 10.8437, 10.6790,
19.8738

190.5226,
195.4516, 263.8127

■ 6.0283, 5.8514,
12.1202

232.3341,
238.7318, 317.9409

■ 2.9032, 2.7549,
6.7020

279.8546,

■ 1.1028, 1.0052,

287.9715, 379.0086

3.2009

333.4496,
343.5551, 447.4343

■ 0.0274, 0.0000,
1.1981

■ 0.0000, 0.0000,
0.0000

■ 54.3138, 54.9881,
82.6140

■ 54.3138, 54.9881,
82.6140

■ 44.9929, 44.0974,
81.0040

■ 65.1230, 67.5128,
84.4627

■ 37.0899, 34.7664,
79.6195

■ 77.4768, 81.7284,
86.5555

■ 30.5361, 26.9253,
78.4514

■ 90.6940, 97.3151,
88.8674

■ 25.2551, 20.4959,
77.4888

■ 91.2831, 98.4932,
89.0637

■ 21.1626, 15.3931,
76.7196

■ 18.1640, 11.5222,
76.1304

■ 16.1498, 8.7756,
75.7064

■ 14.9731, 7.0188,
75.4294

■ 14.8232, 6.7935,
75.3938

Harmonies

Analogous

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



50.4845, 54.9881, 82.8257



54.3138, 54.9881, 82.6140



57.7507, 54.9881, 75.8387

Triad

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



54.3138, 54.9881, 82.6140



57.5768, 54.9881, 45.9293



45.4221, 54.9881, 54.8625

Complementary

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



54.3138, 54.9881, 82.6140



68.3665, 73.7653, 58.2133

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.



47.1373, 54.9881, 46.3212



54.3138, 54.9881, 82.6140



54.0859, 54.9881, 41.6080

Square

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



54.3138, 54.9881, 82.6140



59.6966, 54.9881, 54.2637



50.2675, 54.9881, 41.7420



45.4764, 54.9881, 65.8554

Rectangle

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



54.3138, 54.9881, 82.6140



59.3020, 54.9881, 68.9368



50.2675, 54.9881, 41.7420



45.8071, 54.9881, 51.6401

Sweetspot

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



54.3155, 54.9904, 82.6152



87.1262, 90.8862, 107.5585



62.4509, 72.6516, 81.0405



18.4188, 19.1887, 22.9830



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.



54.3155, 54.9904, 82.6152



63.8693, 63.9336, 103.5819



56.8144, 54.3356, 82.3571



13.7482, 14.2177, 18.1640



8.4448, 3.9516, 42.7008



0.6766, 0.3972, 3.1730

Inverse Universe

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



60.3554, 56.6860, 58.8018



72.8927, 66.5618, 67.9838



65.4875, 74.7180, 58.5489



14.4605, 14.4014, 15.3592



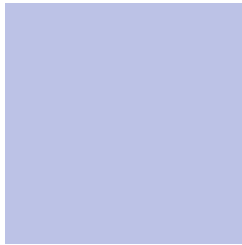
18.6560, 9.5966, 1.8177



1.4052, 0.7198, 0.2741

Previews

White Background



This preview shows how the XYZ color 54.3138, 54.9881, 82.6140 looks on a white background.

Color Contrast Check

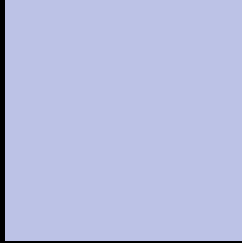
Large Text (above 18pt) WCAG AA × Fail

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 54.3138, 54.9881, 82.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

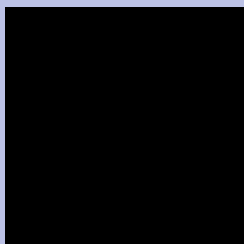
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3138, 54.9881, 82.6140

Background



This preview shows how black text looks on a background with the XYZ color 54.3138, 54.9881, 82.6140.



This preview shows how white text looks on a background with the XYZ color 54.3138, 54.9881,

82.6140.

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

54.3138, 54.9881, 82.6140

Protanopia

54.3138, 54.9881, 82.6140

Deuteranopia

56.0806, 54.9014, 83.2426



Tritanopia

51.9841, 55.0509, 70.8368

Trichromacy



Original Color

54.3138, 54.9881, 82.6140

Protanomaly

54.3138, 54.9881, 82.6140

Deuteranomaly

55.5216, 54.9381, 83.2791

Tritanomaly

52.7758, 55.0334, 74.8588

Monochromacy



Original Color

54.3138, 54.9881, 82.6140

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8926, 54.9217, 67.4877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3138, 54.9881, 82.6140 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(188, 194, 230)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 230)  
}
```

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(188, 194, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 230) }
```

Border

The CSS property to change the border of an element to XYZ 54.3138, 54.9881, 82.6140 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(188, 194, 230) }
```


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

```
.border{ border-color:rgb(188, 194, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 194, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 230);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3138, 54.9881, 82.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 230) }
```

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

```
.background{ background-color: rgb(188,  
194, 230) }
```

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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