

Converting Colors

XYZ(54.6536, 55.6625, 82.0076)

Have a look what the booklet for
XYZ(54.6536, 55.6625, 82.0076)
contains.

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Color

**XYZ(54.6442, 55.5062,
81.9624)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC3E5
RGB	189, 195, 229
RGB Percent	74%, 76%, 90%
CMY	0.2588, 0.2353, 0.1020
CMYK	0.17, 0.15, 0.00, 0.10
HSL	231°, 43%, 82%
HSV	231°, 17%, 90%
XYZ	54.6442, 55.5062, 81.9624
YIQ	197.0820, -14.4900, 9.3020

Conversions

Conversions Part 2

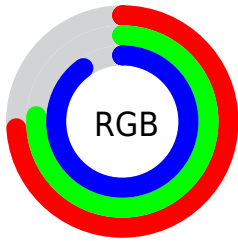
Format	Color
RYB	189, 194, 229
Decimal	12436453
CIELab	79.33, 4.84, -17.57
CIELCh	79, 18.224, 285.410
Yxy	55.5062, 0.2844, 0.2889
Android (android.graphics.Color)	4290626533 (0xFFBDC3E5)
YUV	197.0820, 15.7356, -7.0879
Hunter-Lab	74.5025, 0.5423, -13.0750

Details

The XYZ color **54.6442, 55.5062, 81.9624** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.8864, 73.1072, 58.6784**, and the grayscale version is **53.0361, 55.7981, 60.7641**.

A 20% lighter version of the original color is **90.5532, 95.8072, 108.3277**, and **27.0594, 27.2178, 43.3625** is the 20% darker color. If you saturate the color by 10%, you get **45.3257, 44.6461, 80.3582**, and if you desaturate by 10%, it is **65.4314, 67.9702, 83.8005**.

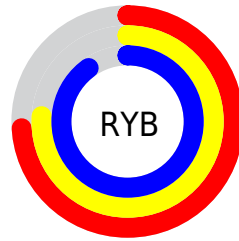
Distribution



Red (74%)

Green (76%)

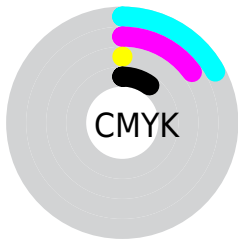
Blue (90%)



Red (74%)

Yellow (76%)

Blue (90%)

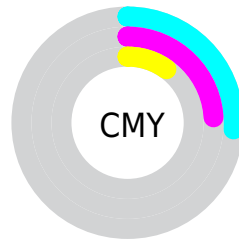


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (24%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6442, 55.5062, 81.9624 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 54.6442, 55.5062, 81.9624 by changing the saturation by 10% instead.

■ 54.6442, 55.5062,
81.9624

■ 54.6442, 55.5062,
81.9624

394.7202,
407.8279, 521.4021

■ 39.3496, 39.8071,
60.7989

■ 96.1708, 98.2822,
137.9575

■ 27.2138, 27.3882,
43.6334

123.1336,
126.1280, 173.6262

■ 17.8713, 17.8650,
30.0473

154.7165,
158.7914, 214.9670

■ 10.9567, 10.8531,
19.6222

191.2849,
196.6570, 262.3985

■ 6.1048, 5.9681,
11.9393

233.2041,
240.1090, 316.3392

■ 2.9502, 2.8257,
6.5803

280.8394,

■ 1.1275, 1.0414,

289.5319, 377.2077

3.1266

334.5564,
345.3101, 445.4224

■ 0.0479, 0.0000,
1.1597

■ 0.0000, 0.0000,
0.0000

■ 54.6442, 55.5062,
81.9624

■ 54.6442, 55.5062,
81.9624

■ 45.3257, 44.6461,
80.3582

■ 65.4314, 67.9702,
83.8005

■ 37.4071, 35.3177,
78.9750

■ 77.7422, 82.0926,
85.8776

■ 30.8215, 27.4535,
77.8042

■ 90.6333, 97.4178,
88.1562

■ 25.4944, 20.9782,
76.8351

■ 91.1430, 98.4372,
88.3261

■ 21.3442, 15.8097,
76.0562

■ 18.2790, 11.8571,
75.4548

■ 16.1929, 9.0172,
75.0166

■ 14.9509, 7.1651,
74.7246

■ 14.7255, 6.8222,
74.6703

Harmonies

Analogous

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



51.0084, 55.5062, 82.0536



54.6442, 55.5062, 81.9624



57.9153, 55.5062, 75.6768

Triad

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



54.6442, 55.5062, 81.9624



57.8398, 55.5062, 47.2213



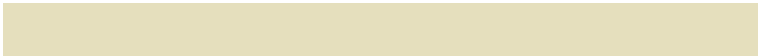
46.2514, 55.5062, 55.5128

Complementary

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



54.6442, 55.5062, 81.9624



67.8864, 73.1072, 58.6784

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.



47.9144, 55.5062, 47.3939



54.6442, 55.5062, 81.9624



54.5450, 55.5062, 42.9950

Square

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



54.6442, 55.5062, 81.9624



59.8174, 55.5062, 55.2510



50.9137, 55.5062, 43.0543



46.2752, 55.5062, 65.9374

Rectangle

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



54.6442, 55.5062, 81.9624



59.4006, 55.5062, 69.1941



50.9137, 55.5062, 43.0543



46.6282, 55.5062, 52.4514

Sweetspot

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



54.6459, 55.5085, 81.9636



87.1537, 90.9412, 107.5677



62.2362, 72.1502, 79.9888



18.4255, 19.2020, 22.9852



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.



54.6459, 55.5085, 81.9636



65.1784, 65.5396, 103.8229



56.7890, 54.6567, 81.6863



13.7565, 14.2344, 18.1668



8.4732, 4.0086, 42.7103



0.6806, 0.4052, 3.1743

Inverse Universe

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



60.3623, 56.9946, 59.4520



73.8006, 67.8710, 69.8481



65.4261, 74.2619, 59.0310



14.4647, 14.4031, 15.3815



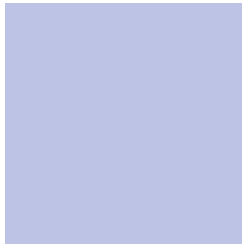
18.6704, 9.6024, 1.8934



1.4072, 0.7206, 0.2847

Previews

White Background



This preview shows how the XYZ color 54.6442, 55.5062, 81.9624 looks on a white background.

Color Contrast Check

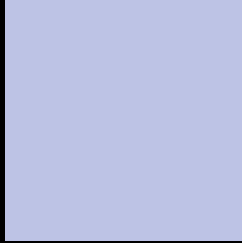
Large Text (above 18pt) WCAG AA × Fail

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 54.6442, 55.5062, 81.9624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

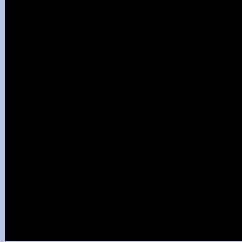
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6442, 55.5062, 81.9624

Background



This preview shows how black text looks on a background with the XYZ color 54.6442, 55.5062, 81.9624.



This preview shows how white text looks on a background with the XYZ color 54.6442, 55.5062,

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

54.6442, 55.5062, 81.9624

Protanopia

54.8932, 55.6345, 81.9741

Deuteranopia

56.6858, 55.5546, 82.5984



Tritanopia

52.4540, 55.6314, 70.9241

Trichromacy



Original Color

54.6442, 55.5062, 81.9624

Protanomaly

54.8932, 55.6345, 81.9741

Deuteranomaly

55.8586, 55.4552, 82.6228

Tritanomaly

53.2460, 55.6118, 74.9456

Monochromacy



Original Color

54.6442, 55.5062, 81.9624

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.4967, 55.5526, 68.2248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6442, 55.5062, 81.9624 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(189, 195, 229)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 229)  
}
```

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(189, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 229) }
```

Border

The CSS property to change the border of an element to XYZ 54.6442, 55.5062, 81.9624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

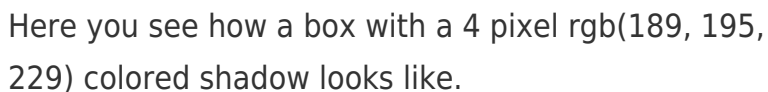
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 195, 229) }
```


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

```
.border{ border-color:rgb(189, 195, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 195, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 229);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6442, 55.5062, 81.9624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 229) }
```

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

```
.background{ background-color: rgb(189,  
195, 229) }
```

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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