

Converting Colors

XYZ(54.0142, 54.0094, 85.0614)

Have a look what the booklet for
XYZ(54.0142, 54.0094, 85.0614)
contains.

XYZ(54.1944, 54.2046, 85.4481)	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(54.1944, 54.2046,
85.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC0EA
RGB	187, 192, 234
RGB Percent	73%, 75%, 92%
CMY	0.2667, 0.2470, 0.0823
CMYK	0.20, 0.18, 0.00, 0.08
HSL	234°, 53%, 83%
HSV	234°, 20%, 92%
XYZ	54.1944, 54.2046, 85.4481
YIQ	195.2930, -16.4620, 12.0020

Conversions

Conversions Part 2

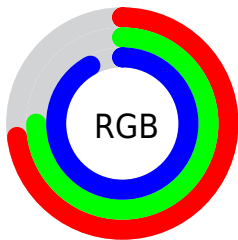
Format	Color
R_{YB}	187, 192, 234
Decimal	12304618
CIE _{Lab}	78.58, 6.94, -21.41
CIE _{LCh}	79, 22.503, 287.952
Yxy	54.2046, 0.2796, 0.2796
Android (android.graphics.Color)	4290494698 (0xFFBBC0EA)
YUV	195.2930, 19.0826, -7.2730
Hunter-Lab	73.6238, 2.5521, -17.2756

Details

The XYZ color **54.1944, 54.2046, 85.4481** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.9210, 77.1188, 58.1624**, and the grayscale version is **51.9446, 54.6498, 59.5136**.

A 20% lighter version of the original color is **88.9256, 93.5879, 107.9851**, and **26.9414, 26.6661, 45.8466** is the 20% darker color. If you saturate the color by 10%, you get **44.6601, 42.9524, 83.7796**, and if you desaturate by 10%, it is **65.3171, 67.2466, 87.3801**.

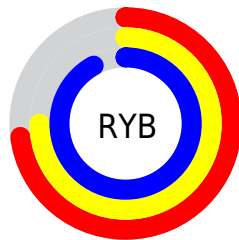
Distribution



Red (73%)

Green (75%)

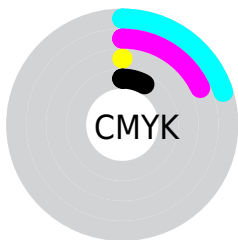
Blue (92%)



Red (73%)

Yellow (75%)

Blue (92%)

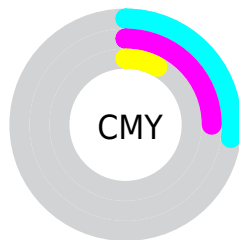


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (25%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1944, 54.2046, 85.4481 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 54.1944, 54.2046, 85.4481 by changing the saturation by 10% instead.

■ 54.1944, 54.2046,
85.4481

■ 54.1944, 54.2046,
85.4481

393.0371,
402.8897, 533.2928

■ 38.9884, 38.7653,
63.6594

■ 95.5148, 96.3746,
142.8788

■ 26.9314, 26.5772,
45.9305

122.3600,
123.8740, 179.3579

■ 17.6580, 17.2559,
31.8427

153.8155,
156.1623, 221.5708

■ 10.8029, 10.4171,
20.9775

190.2469,
193.6238, 269.9362

■ 6.0008, 5.6764,
12.9165

232.0194,
236.6429, 324.8726

■ 2.8862, 2.6493,
7.2410

279.4983,

■ 1.0939, 0.9515,

285.6039, 386.7985

3.5326

333.0491,
340.8914, 456.1324

■ 0.0200, 0.0000,
1.3726

■ 0.0000, 0.0000,
0.1202

■ 54.1944, 54.2046,
85.4481

■ 54.1944, 54.2046,
85.4481

■ 44.6601, 42.9524,
83.7796

■ 65.3171, 67.2466,
87.3801

■ 36.6366, 33.4053,
82.3597

■ 78.0910, 82.1449,
89.5825

■ 30.0475, 25.4819,
81.1776

■ 91.7664, 98.5506,
92.0284

■ 24.8076, 19.0911,
80.2203

■ 91.8515, 98.7206,
92.0567

■ 20.8226, 14.1332,
79.4733

■ 17.9857, 10.4960,
78.9208

■ 16.1723, 8.0508,
78.5444

■ 15.1970, 6.6318,
78.3219

Harmonies

Analogous

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



49.7595, 54.2046, 86.2844



54.1944, 54.2046, 85.4481



58.1183, 54.2046, 76.9427

Triad

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



54.1944, 54.2046, 85.4481



57.4476, 54.2046, 42.6716



43.6187, 54.2046, 54.0652

Complementary

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



54.1944, 54.2046, 85.4481



70.9210, 77.1188, 58.1624

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.



45.4407, 54.2046, 44.1213



54.1944, 54.2046, 85.4481



53.3212, 54.2046, 38.2043

Square

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



54.1944, 54.2046, 85.4481



60.0695, 54.2046, 51.8045



48.9348, 54.2046, 38.6938



43.8226, 54.2046, 66.8753

Rectangle

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



54.1944, 54.2046, 85.4481



59.8388, 54.2046, 68.6746



48.9348, 54.2046, 38.6938



44.0100, 54.2046, 50.3147

Sweetspot

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



54.1961, 54.2068, 85.4493



85.4360, 88.7980, 107.2445



63.9929, 75.0417, 84.8881



18.0725, 18.7562, 22.9177



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.



54.1961, 54.2068, 85.4493



60.9738, 60.1168, 102.9978



57.8042, 54.4640, 85.3088



14.3602, 14.8069, 19.0234



8.5831, 3.8131, 44.0266



0.7172, 0.3859, 3.4716

Inverse Universe

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



61.2178, 56.8402, 57.6164



70.9493, 63.9394, 63.4379



66.7075, 77.0309, 58.3676



15.1306, 15.0801, 15.9732



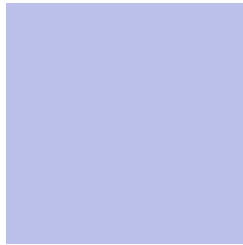
19.1876, 9.8777, 1.5235



1.5285, 0.7844, 0.2345

Previews

White Background



This preview shows how the XYZ color 54.1944, 54.2046, 85.4481 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 54.1944, 54.2046, 85.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

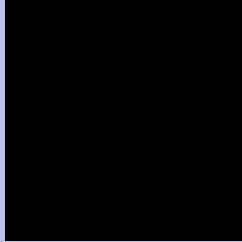
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1944, 54.2046, 85.4481

Background



This preview shows how black text looks on a background with the XYZ color 54.1944, 54.2046, 85.4481.



This preview shows how white text looks on a background with the XYZ color 54.1944, 54.2046,

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

54.1944, 54.2046, 85.4481

Protanopia

53.9288, 54.3947, 85.4988

Deuteranopia

55.2571, 54.1049, 85.3728



Tritanopia

51.0262, 54.2503, 69.4100

Trichromacy



Original Color

54.1944, 54.2046, 85.4481

Protanomaly

54.1709, 54.5195, 85.5101

Deuteranomaly

54.9679, 54.2785, 85.4216

Tritanomaly

52.0685, 54.3350, 74.7612

Monochromacy



Original Color

54.1944, 54.2046, 85.4481

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5386, 54.3935, 68.0515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1944, 54.2046, 85.4481 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(187, 192, 234)` looks like.

```
.text, #text, p{  
    color:rgb(187, 192, 234)  
}
```

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(187, 192, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 192, 234) }
```

Border

The CSS property to change the border of an element to XYZ 54.1944, 54.2046, 85.4481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

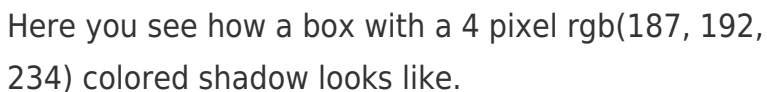
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 192, 234) }
```


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

```
.border{ border-color:rgb(187, 192, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 192, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 192, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 192, 234);  
box-shadow:4px 4px 4px 4px rgb(187, 192,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1944, 54.2046, 85.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 192, 234) }
```

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

```
.background{ background-color: rgb(187,  
192, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor