

# Converting Colors

XYZ(51.2194, 59.2520, 54.0846)

Have a look what the booklet for  
XYZ(51.2194, 59.2520, 54.0846)  
contains.

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# Color

**XYZ(51.2194, 59.2520,  
54.0846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8D1B8
RGB	184, 209, 184
RGB Percent	72%, 82%, 72%
CMY	0.2784, 0.1804, 0.2784
CMYK	0.12, 0.00, 0.12, 0.18
HSL	120°, 21%, 77%
HSV	120°, 12%, 82%
XYZ	51.2194, 59.2520, 54.0846
YIQ	198.6750, -6.8750, -13.0750

# Conversions

## Conversions Part 2

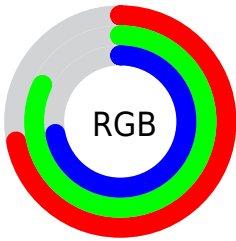
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 209, 209
Decimal	12112312
CIELab	81.43, -13.07, 9.59
CIElCh	81, 16.214, 143.740
Yxy	59.2520, 0.3113, 0.3601
Android (android.graphics.Color)	4290302392 (0xFFB8D1B8)
YUV	198.6750, -7.2348, -12.8700
Hunter-Lab	76.9753, -15.9329, 12.2242

# Details

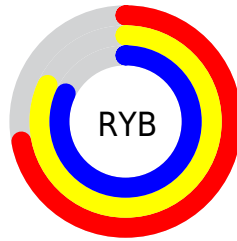
The XYZ color **51.2194, 59.2520, 54.0846** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9458, 52.4412, 67.5508**, and the grayscale version is **54.1347, 56.9539, 62.0228**.

A 20% lighter version of the original color is **87.4234, 96.3365, 96.4252**, and **25.1782, 29.9067, 25.9183** is the 20% darker color. If you saturate the color by 10%, you get **44.5465, 56.0484, 43.1685**, and if you desaturate by 10%, it is **58.9590, 62.9715, 66.7428**.

# Distribution



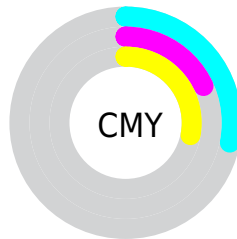
- Red (72%)
- Green (82%)
- Blue (72%)



- Red (72%)
- Yellow (82%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (28%)
- Magenta (18%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2194, 59.2520, 54.0846 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 51.2194, 59.2520, 54.0846 by changing the saturation by 10% instead.



■ 51.2194, 59.2520,  
54.0846

■ 51.2194, 59.2520,  
54.0846

381.7892,  
421.8351, 419.6163

■ 36.6050, 42.8160,  
38.2757

■ 91.1601, 103.7438,  
97.6561

■ 25.0741, 29.7408,  
25.8932

117.2170,  
132.5685, 126.2558

■ 16.2613, 19.6419,  
16.5187

147.8189,  
166.2914, 159.9561

■ 9.8012, 12.1350,  
9.7336

183.3310,  
205.2971, 199.1756

■ 5.3286, 6.8357,  
5.1194

224.1188,  
249.9700, 244.3328

■ 2.4781, 3.3596,  
2.2575

270.5475,

■ 0.8842, 1.3222,

300.6943, 295.8463

0.7073

322.9825,  
357.8546, 354.1346

■ 0.0000, 0.1583,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 51.2194, 59.2520,  
54.0846

■ 51.2194, 59.2520,  
54.0846

■ 44.5465, 56.0484,  
43.1685

■ 58.9590, 62.9715,  
66.7428

■ 38.8890, 53.3308,  
33.9146

■ 67.8040, 67.2202,  
81.2104

■ 34.1986, 51.0778,  
26.2425

■ 77.7973, 72.0205,  
97.5562

■ 30.4211, 49.2633,  
20.0638

■ 82.0916, 74.0833,  
104.5805

■ 27.4973, 47.8588,  
15.2813

■ 25.3606, 46.8325,  
11.7864

■ 23.9349, 46.1476,  
9.4543

■ 23.1288, 45.7604,  
8.1357

■ 22.8016, 45.6033,  
7.6006

# Harmonies

## Analogous

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



53.7317, 59.2520, 48.8807



51.2194, 59.2520, 54.0846



50.0786, 59.2520, 62.4995

# Triad

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



51.2194, 59.2520, 54.0846



55.6089, 59.2520, 84.9247



62.5020, 59.2520, 57.2828

# Complementary

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



51.2194, 59.2520, 54.0846



54.9458, 52.4412, 67.5508

# 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.



63.0536, 59.2520, 66.5741



51.2194, 59.2520, 54.0846



58.9844, 59.2520, 83.1721

# Square

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



51.2194, 59.2520, 54.0846



52.5465, 59.2520, 80.7822



61.7426, 59.2520, 76.2078



60.2642, 59.2520, 50.5934



# Rectangle

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



51.2194, 59.2520, 54.0846



50.2154, 59.2520, 69.0550



61.7426, 59.2520, 76.2078



62.8944, 59.2520, 60.1792

# Sweetspot

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



51.2210, 59.2545, 54.0859



89.7974, 97.4769, 100.3084



57.7493, 62.6200, 54.3913



19.0157, 20.7658, 21.1353



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

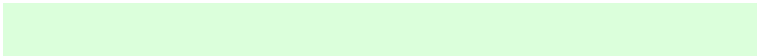


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.2210, 59.2545, 54.0859



77.8895, 91.7569, 80.8309



52.5903, 59.8022, 61.2965



11.6564, 13.2063, 12.5468



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620



# Inverse Universe

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



54.9458, 52.4412, 67.5508



84.6998, 79.2997, 105.4497



53.4578, 51.8460, 59.7150



12.3109, 12.0091, 14.9128



23.3082, 11.1961, 38.1245

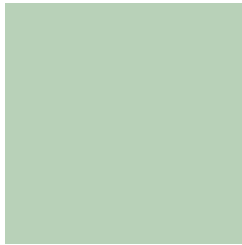


1.3032, 0.6260, 2.1317



# Previews

## White Background



This preview shows how the XYZ color 51.2194, 59.2520, 54.0846 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

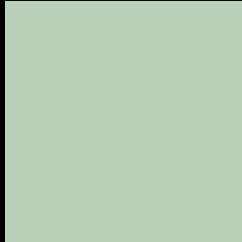
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 51.2194, 59.2520, 54.0846 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

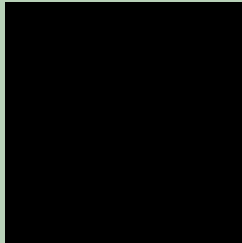
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 51.2194, 59.2520, 54.0846**

## **Background**



This preview shows how black text looks on a background with the XYZ color 51.2194, 59.2520, 54.0846.



This preview shows how white text looks on a background with the XYZ color 51.2194, 59.2520,



# 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

51.2194, 59.2520, 54.0846

### Protanopia

55.9888, 58.9175, 51.6013

### Deuteranopia

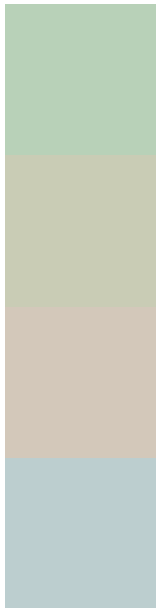
60.1633, 58.9490, 55.2210



## Tritanopia

55.7463, 59.3002, 76.2181

# Trichromacy



## Original Color

51.2194, 59.2520, 54.0846

## Protanomaly

54.0207, 58.9394, 52.2453

## Deuteranomaly

56.3812, 58.7026, 54.8135

## Tritanomaly

54.0728, 59.3390, 67.6351

# Monochromacy



## Original Color

51.2194, 59.2520, 54.0846

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

53.3417, 58.0762, 59.4374

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 51.2194, 59.2520, 54.0846 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(184, 209, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 209, 184)  
}
```

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(184, 209, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 209, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 51.2194, 59.2520, 54.0846 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(184, 209, 184) }
```



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

```
.border{ border-color:rgb(184, 209, 184) }
```

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

Here you see how a box with a 4 pixel rgb(184, 209, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 209, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 209, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 209,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 51.2194, 59.2520, 54.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 209, 184) }
```

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

```
.background{ background-color: rgb(184,  
209, 184) }
```

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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