

Converting Colors

XYZ(54.3185, 62.1534, 58.9909)

Have a look what the booklet for
XYZ(54.3185, 62.1534, 58.9909)
contains.

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Color

**XYZ(54.2949, 62.2131,
59.0159)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD5C0
RGB	189, 213, 192
RGB Percent	74%, 84%, 75%
CMY	0.2588, 0.1647, 0.2471
CMYK	0.11, 0.00, 0.10, 0.16
HSL	128°, 22%, 79%
HSV	128°, 11%, 84%
XYZ	54.2949, 62.2131, 59.0159
YIQ	203.4300, -7.5630, -11.6190

Conversions

Conversions Part 2

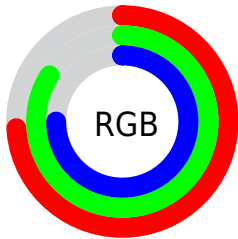
Format	Color
RYB	189, 210, 213
Decimal	12441024
CIELab	83.03, -11.97, 7.67
CIELCh	83, 14.216, 147.356
Yxy	62.2131, 0.3093, 0.3544
Android (android.graphics.Color)	4290631104 (0xFFBDD5C0)
YUV	203.4300, -5.6350, -12.6551
Hunter-Lab	78.8753, -15.1588, 10.8509

Details

The XYZ color **54.2949, 62.2131, 59.0159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2732, 55.1958, 68.6108**, and the grayscale version is **57.0742, 60.0465, 65.3907**.

A 20% lighter version of the original color is **90.3595, 97.7098, 102.9044**, and **27.0404, 31.5520, 29.0911** is the 20% darker color. If you saturate the color by 10%, you get **47.4583, 58.9142, 48.5903**, and if you desaturate by 10%, it is **62.1725, 66.0220, 70.8580**.

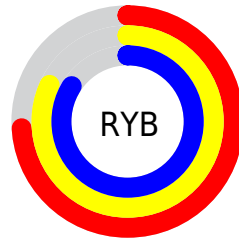
Distribution



Red (74%)

Green (84%)

Blue (75%)



Red (74%)

Yellow (82%)

Blue (84%)

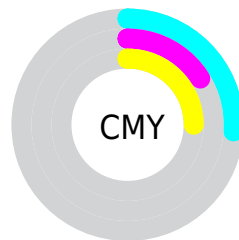


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (26%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2949, 62.2131, 59.0159 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 54.2949, 62.2131, 59.0159 by changing the saturation by 10% instead.


 54.2949, 62.2131,
59.0159

 54.2949, 62.2131,
59.0159


393.4136,
432.7080, 438.6644

 39.0691, 45.2049,
42.2058

 95.6615, 108.0335,
104.9301

 26.9944, 31.6189,
28.9357


122.5329,
137.6144, 134.8713

 17.7056, 21.0705,
18.7870

154.0170,
172.1551, 170.0267

 10.8372, 13.1756,
11.3412

190.4790,
212.0399, 210.8147

 6.0240, 7.5496,
6.1798

232.2843,
257.6532, 257.6540

 2.9005, 3.8081,
2.8842

279.7983,

 1.1013, 1.5668,

309.3793, 310.9630

1.0358

333.3862,
367.6028, 371.1602

■ 0.0262, 0.3351,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2949, 62.2131,
59.0159

■ 54.2949, 62.2131,
59.0159

■ 47.4583, 58.9142,
48.5903

■ 62.1725, 66.0220,
70.8580

■ 41.6142, 56.0960,
39.5242

■ 71.1267, 70.3529,
84.1625

■ 36.7177, 53.7385,
31.7629

■ 81.1981, 75.2273,
98.9785

■ 32.7186, 51.8170,
25.2461

■ 83.0855, 76.0710,
104.9118

■ 29.5619, 50.3045,
19.9092

■ 27.1866, 49.1711,
15.6815

■ 25.5234, 48.3828,
12.4848

■ 24.4904, 47.8991,
10.2305

■ 23.9890, 47.6684,
8.9510

Harmonies

Analogous

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



56.4581, 62.2131, 53.7949



54.2949, 62.2131, 59.0159



53.4239, 62.2131, 66.9619

Triad

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



54.2949, 62.2131, 59.0159



58.8596, 62.2131, 86.0872



64.5360, 62.2131, 60.2577

Complementary

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



54.2949, 62.2131, 59.0159



57.2732, 55.1958, 68.6108

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.



65.2322, 62.2131, 68.5230



54.2949, 62.2131, 59.0159



61.8884, 62.2131, 83.9069

Square

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



54.2949, 62.2131, 59.0159



56.0016, 62.2131, 83.0098



64.2475, 62.2131, 77.2830



62.3763, 62.2131, 54.4671

Rectangle

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



54.2949, 62.2131, 59.0159



53.6698, 62.2131, 72.9136



64.2475, 62.2131, 77.2830



64.9521, 62.2131, 62.8162

Sweetspot

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



54.2966, 62.2158, 59.0173



91.2322, 98.1542, 103.1935



59.6175, 64.9968, 57.5482



19.3144, 20.9061, 21.7685



0.0000, 0.0000, 0.0000



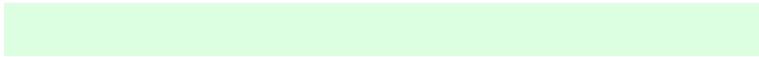
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2966, 62.2158, 59.0173



78.4862, 91.9956, 83.9727



55.6575, 62.7601, 66.1836



12.3250, 13.9210, 13.5257



14.6733, 29.1247, 5.5752



0.9063, 1.7652, 0.4486

Inverse Universe

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



57.2732, 55.1958, 68.6108



83.9896, 79.0156, 101.7096



55.8562, 54.6291, 61.1491



12.8831, 12.6047, 15.3246



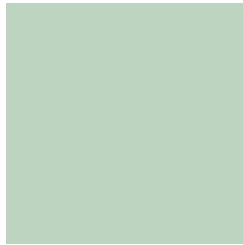
22.2261, 10.8268, 29.5586



1.3597, 0.6607, 1.8837

Previews

White Background



This preview shows how the XYZ color 54.2949, 62.2131, 59.0159 looks on a white background.

Color Contrast Check

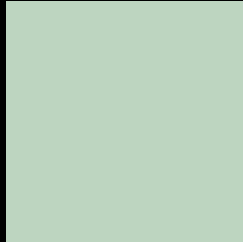
Large Text (above 18pt) WCAG AA × Fail

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 54.2949, 62.2131, 59.0159 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

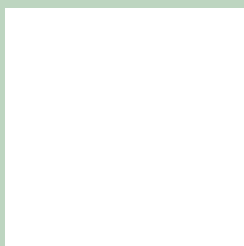
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2949, 62.2131, 59.0159

Background



This preview shows how black text looks on a background with the XYZ color 54.2949, 62.2131, 59.0159.



This preview shows how white text looks on a background with the XYZ color 54.2949, 62.2131,

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

54.2949, 62.2131, 59.0159

Protanopia

58.8800, 62.0696, 56.4543

Deuteranopia

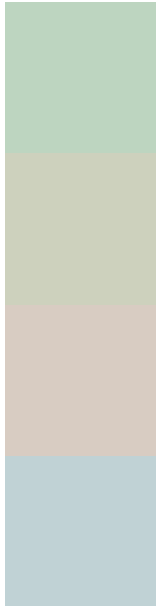
63.2287, 61.7759, 60.2212



Tritanopia

58.3946, 62.0173, 80.1270

Trichromacy



Original Color

54.2949, 62.2131, 59.0159

Protanomaly

57.1626, 62.2542, 57.1476

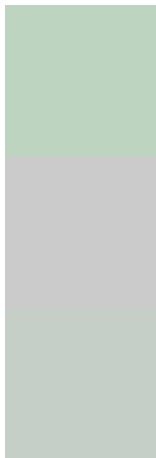
Deuteranomaly

59.6494, 61.6797, 59.8004

Tritanomaly

56.7951, 62.1038, 71.9446

Monochromacy



Original Color

54.2949, 62.2131, 59.0159

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9103, 60.7549, 62.8129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2949, 62.2131, 59.0159 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, 213, 192)` looks like.

```
.text, #text, p{  
    color:rgb(189, 213, 192)  
}
```

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, 213, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 213, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.2949, 62.2131, 59.0159 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, 213, 192) }
```


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

```
.border{ border-color:rgb(189, 213, 192) }
```

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

Here you see how a box with a 4 pixel rgb(189, 213, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 213, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 213, 192);  
box-shadow:4px 4px 4px 4px rgb(189, 213,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2949, 62.2131, 59.0159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 213, 192) }
```

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

```
.background{ background-color: rgb(189,  
213, 192) }
```

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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