

Converting Colors

XYZ(53.3178, 59.1590, 54.3680)

Have a look what the booklet for
XYZ(53.3178, 59.1590, 54.3680)
contains.

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Color

**XYZ(53.3339, 59.2475,
54.5239)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CEB9
RGB	195, 206, 185
RGB Percent	76%, 81%, 73%
CMY	0.2353, 0.1921, 0.2745
CMYK	0.05, 0.00, 0.10, 0.19
HSL	91°, 18%, 77%
HSV	91°, 10%, 81%
XYZ	53.3339, 59.2475, 54.5239
YIQ	200.3170, 0.1850, -8.8630

Conversions

Conversions Part 2

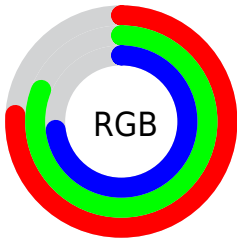
Format	Color
RYB	185, 206, 196
Decimal	12832441
CIELab	81.43, -7.54, 9.16
CIELCh	81, 11.863, 129.464
Yxy	59.2475, 0.3192, 0.3546
Android (android.graphics.Color)	4291022521 (0xFFC3CEB9)
YUV	200.3170, -7.5513, -4.6630
Hunter-Lab	76.9724, -11.0197, 11.8822

Details

The XYZ color **53.3339, 59.2475, 54.5239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2569, 50.8916, 65.5172**, and the grayscale version is **55.1415, 58.0131, 63.1763**.

A 20% lighter version of the original color is **91.7821, 98.5663, 97.4069**, and **26.3776, 29.7851, 26.1887** is the 20% darker color. If you saturate the color by 10%, you get **48.6266, 57.0559, 43.7622**, and if you desaturate by 10%, it is **58.5612, 61.6742, 66.9573**.

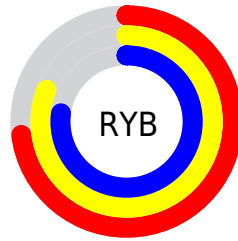
Distribution



Red (76%)

Green (81%)

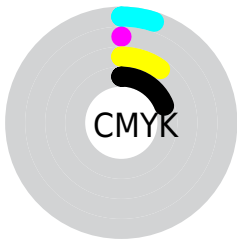
Blue (73%)



Red (73%)

Yellow (81%)

Blue (77%)

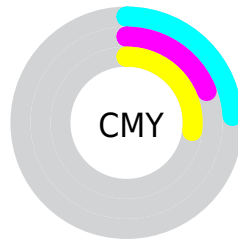


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (24%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3339, 59.2475, 54.5239 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 53.3339, 59.2475, 54.5239 by changing the saturation by 10% instead.


 53.3339, 59.2475,
54.5239

 53.3339, 59.2475,
54.5239


389.8048,
421.8185, 421.3356

 38.2979, 42.8124,
38.6246


 94.2582, 103.7373,
98.3072

 26.3923, 29.7379,
26.1623


120.8772,
132.5608, 127.0283

 17.2515, 19.6398,
16.7182


152.0879,
166.2825, 160.8605

 10.5104, 12.1335,
9.8740

188.2557,
205.2868, 200.2222

 5.8035, 6.8346,
5.2110

229.7459,
249.9582, 245.5320

 2.7655, 3.3589,
2.3107

276.9239,

 1.0310, 1.3219,

300.6810, 297.2085

0.7372

330.1551,
357.8396, 355.6702

■ 0.0000, 0.1580,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3339, 59.2475,
54.5239

■ 53.3339, 59.2475,
54.5239

■ 48.6266, 57.0559,
43.7622

■ 58.5612, 61.6742,
66.9573

■ 44.4167, 55.0841,
34.5970

■ 64.3205, 64.3356,
81.1254

■ 40.6871, 53.3267,
26.9533

■ 70.6292, 67.2410,
97.0928

■ 37.4174, 51.7751,
20.7484

■ 75.4406, 69.5721,
104.0604

■ 34.5860, 50.4200,
15.8916

■ 79.1774, 71.4985,
104.2352

■ 32.1687, 49.2512,
12.2824

■ 81.3625, 72.6250,
104.3375

■ 30.1388, 48.2575,
9.8056

■ 28.4650, 47.4256,
8.3249

■ 27.1175, 46.7458,
7.5936

Harmonies

Analogous

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



55.5319, 59.2475, 51.9466



53.3339, 59.2475, 54.5239



51.9612, 59.2475, 59.8339

Triad

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



53.3339, 59.2475, 54.5239



54.6555, 59.2475, 78.1743



61.1526, 59.2475, 62.2891

Complementary

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



53.3339, 59.2475, 54.5239



51.2569, 50.8916, 65.5172

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.



60.9012, 59.2475, 69.4245



53.3339, 59.2475, 54.5239



57.1013, 59.2475, 78.9525

Square

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



53.3339, 59.2475, 54.5239



52.7085, 59.2475, 73.5931



59.4010, 59.2475, 75.6475



60.0781, 59.2475, 56.2077

Rectangle

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



53.3339, 59.2475, 54.5239



51.6745, 59.2475, 64.3828



59.4010, 59.2475, 75.6475



61.2210, 59.2475, 64.6383

Sweetspot

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



53.3355, 59.2501, 54.5252



92.3834, 98.7648, 102.4735



53.9190, 56.0391, 53.8747



19.6242, 21.0703, 21.5752



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.



53.3355, 59.2501, 54.5252



84.8546, 95.2687, 84.7221



50.8746, 57.9771, 54.6032



11.5676, 12.7945, 11.9393



16.8077, 28.8400, 4.6808



0.9545, 1.5329, 0.2456

Inverse Universe

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



51.2569, 50.8916, 65.5172



80.8953, 79.3476, 105.6597



53.9030, 52.2606, 65.4193



11.1532, 11.1283, 14.1305



10.7756, 4.7626, 36.3076



0.6432, 0.2907, 1.8772

Previews

White Background



This preview shows how the XYZ color 53.3339, 59.2475, 54.5239 looks on a white background.

Color Contrast Check

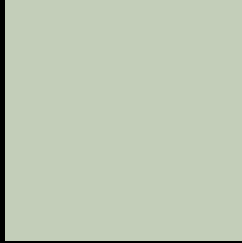
Large Text (above 18pt) WCAG AA × Fail

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 53.3339, 59.2475, 54.5239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

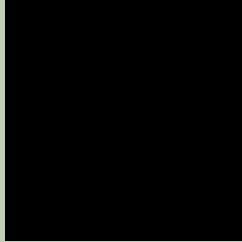
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

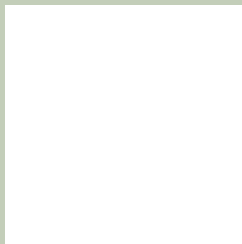
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3339, 59.2475, 54.5239

Background



This preview shows how black text looks on a background with the XYZ color 53.3339, 59.2475, 54.5239.



This preview shows how white text looks on a background with the XYZ color 53.3339, 59.2475,

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

53.3339, 59.2475, 54.5239

Protanopia

56.0122, 58.8938, 53.2152

Deuteranopia

60.1633, 58.9490, 55.2210



Tritanopia

57.2304, 59.0624, 74.0295

Trichromacy



Original Color

53.3339, 59.2475, 54.5239

Protanomaly

55.1845, 59.1517, 53.8563

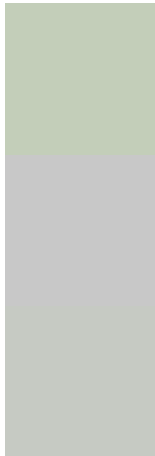
Deuteranomaly

57.3107, 58.8391, 54.7909

Tritanomaly

55.6641, 59.1254, 66.2361

Monochromacy



Original Color

53.3339, 59.2475, 54.5239

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2596, 58.1870, 60.0012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3339, 59.2475, 54.5239 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(195, 206, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 185)  
}
```

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(195, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.3339, 59.2475, 54.5239 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(195, 206, 185) }
```


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

```
.border{ border-color:rgb(195, 206, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 206, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 185);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3339, 59.2475, 54.5239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 185) }
```

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

```
.background{ background-color: rgb(195,  
206, 185) }
```

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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