

Converting Colors

XYZ(59.2661, 70.3090, 54.2376)

Have a look what the booklet for
XYZ(59.2661, 70.3090, 54.2376)
contains.

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Color

**XYZ(59.3628, 70.4165,
54.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E3B5
RGB	199, 227, 181
RGB Percent	78%, 89%, 71%
CMY	0.2196, 0.1098, 0.2902
CMYK	0.12, 0.00, 0.20, 0.11
HSL	97°, 45%, 80%
HSV	97°, 20%, 89%
XYZ	59.3628, 70.4165, 54.1791
YIQ	213.3840, -1.9220, -20.2420

Conversions

Conversions Part 2

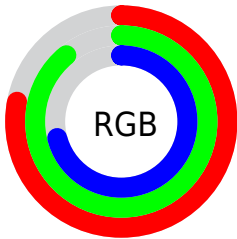
Format	Color
RYB	181, 227, 209
Decimal	13099957
CIELab	87.20, -17.44, 19.45
CIELCh	87, 26.120, 131.879
Yxy	70.4165, 0.3227, 0.3828
Android (android.graphics.Color)	4291290037 (0xFFC7E3B5)
YUV	213.3840, -15.9653, -12.6148
Hunter-Lab	83.9145, -20.5760, 20.4598

Details

The XYZ color **59.3628, 70.4165, 54.1791** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.6864, 52.1511, 79.7553**, and the grayscale version is **63.6091, 66.9217, 72.8778**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **30.3259, 37.0833, 25.9815** is the 20% darker color. If you saturate the color by 10%, you get **53.7196, 67.7570, 42.7311**, and if you desaturate by 10%, it is **65.7223, 73.4056, 67.6446**.

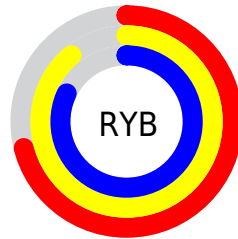
Distribution



Red (78%)

Green (89%)

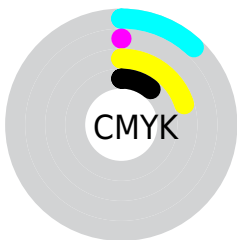
Blue (71%)



Red (71%)

Yellow (89%)

Blue (82%)

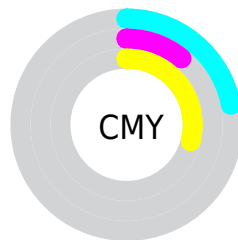


Cyan (12%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (22%)


Magenta (11%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3628, 70.4165, 54.1791 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 59.3628, 70.4165, 54.1791 by changing the saturation by 10% instead.


 59.3628, 70.4165,
54.1791

 59.3628, 70.4165,
54.1791


412.1175,
462.0111, 419.9865

 43.1527, 51.8662,
38.3507


 103.0164,
119.8025, 97.7962

 30.2000, 36.8984,
25.9511


131.1906,
151.4070, 126.4220

 20.1393, 25.1288,
16.5616


164.0836,
188.1316, 160.1507

 12.6052, 16.1731,
9.7638

202.0607,
230.3608, 199.4009

 7.2324, 9.6467,
5.1391

245.4873,
278.4790, 244.5910

 3.6555, 5.1653,
2.2689


294.7288,

 1.5091, 2.3446,


332.8705, 296.1396


0.7137


350.1504,
393.9197, 354.4653


 0.3320, 0.7972,
0.0000


 0.0000, 0.0000,
0.0000


 59.3628, 70.4165,
54.1791

 59.3628, 70.4165,
54.1791

 53.7196, 67.7570,
42.7311


 65.7223, 73.4056,
67.6446

 48.7600, 65.4061,
33.1989

 72.8181, 76.7263,
83.2136

 44.4567, 63.3540,
25.4789

 80.6762, 80.3925,
100.9725

 40.7783, 61.5872,
19.4558

 86.4947, 83.2840,
106.1244

■ 37.6903, 60.0908,
15.0013

■ 86.7605, 83.4210,
106.1368

■ 35.1545, 58.8480,
11.9683

■ 33.1263, 57.8399,
10.1823

■ 31.5728, 57.0558,
9.3488

Harmonies

Analogous

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



64.5311, 70.4165, 48.1487



59.3628, 70.4165, 54.1791



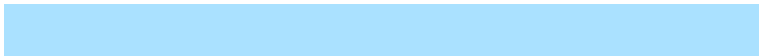
56.3373, 70.4165, 66.6420

Triad

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



59.3628, 70.4165, 54.1791



63.3284, 70.4165, 113.4476



79.1418, 70.4165, 69.9291

Complementary

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



59.3628, 70.4165, 54.1791



56.6864, 52.1511, 79.7553

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.



78.7708, 70.4165, 87.6602



59.3628, 70.4165, 54.1791



69.3851, 70.4165, 114.6877

Square

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



59.3628, 70.4165, 54.1791



58.5287, 70.4165, 101.4930



75.1118, 70.4165, 104.6596



76.0964, 70.4165, 56.2679

Rectangle

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



59.3628, 70.4165, 54.1791



55.8233, 70.4165, 77.7841



75.1118, 70.4165, 104.6596



79.4174, 70.4165, 75.5698

Sweetspot

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



59.3647, 70.4195, 54.1806



89.3397, 97.3296, 96.2824



62.7243, 65.0748, 52.9719



18.9939, 20.7724, 20.3276



0.0000, 0.0000, 0.0000



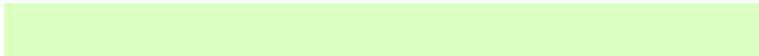
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3647, 70.4195, 54.1806



74.3123, 90.2722, 64.4288



55.3477, 68.2933, 56.4978



14.7200, 16.3627, 15.2869



18.5343, 33.3362, 5.4577



1.4714, 2.5159, 0.4081

Inverse Universe

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



56.6864, 52.1511, 79.7553



70.2701, 62.7127, 103.0089



61.4436, 54.6760, 76.7072



14.4206, 14.3191, 18.1481



14.3512, 6.4642, 42.8745



1.1640, 0.5310, 3.1731

Previews

White Background



This preview shows how the XYZ color 59.3628, 70.4165, 54.1791 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 59.3628, 70.4165, 54.1791 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 59.3628, 70.4165, 54.1791

Background



This preview shows how black text looks on a background with the XYZ color 59.3628, 70.4165, 54.1791.

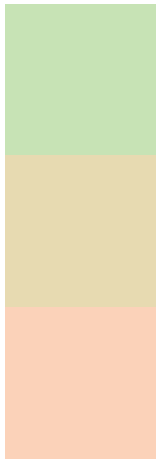


This preview shows how white text looks on a background with the XYZ color 59.3628, 70.4165,

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

59.3628, 70.4165, 54.1791

Protanopia

65.9622, 70.3061, 51.6888

Deuteranopia

71.5872, 70.1052, 55.6575



Tritanopia

66.6300, 70.1874, 90.1565

Trichromacy



Original Color

59.3628, 70.4165, 54.1791

Protanomaly

63.1058, 69.9873, 52.3024

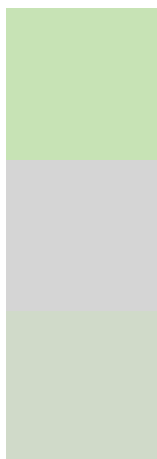
Deuteranomaly

66.4863, 69.7282, 55.3021

Tritanomaly

63.8225, 70.2314, 75.8379

Monochromacy



Original Color

59.3628, 70.4165, 54.1791

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.6264, 67.7698, 65.0911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3628, 70.4165, 54.1791 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(199, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 181)  
}
```

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(199, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 181) }
```

Border

The CSS property to change the border of an element to XYZ 59.3628, 70.4165, 54.1791 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(199, 227, 181) }
```


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

```
.border{ border-color:rgb(199, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 227, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 227, 181);  
box-shadow:4px 4px 4px 4px rgb(199, 227,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3628, 70.4165, 54.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 181) }
```

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

```
.background{ background-color: rgb(199,  
227, 181) }
```

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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