

Converting Colors

XYZ(59.8750, 76.8485, 44.0253)

Have a look what the booklet for
XYZ(59.8750, 76.8485, 44.0253)
contains.

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Color

**XYZ(59.8750, 76.8485,
44.0253)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F19E
RGB	194, 241, 158
RGB Percent	76%, 95%, 62%
CMY	0.2392, 0.0549, 0.3804
CMYK	0.20, 0.00, 0.34, 0.05
HSL	94°, 75%, 78%
HSV	94°, 34%, 95%
XYZ	59.8750, 76.8485, 44.0253
YIQ	217.4850, -1.3690, -35.7770

Conversions

Conversions Part 2

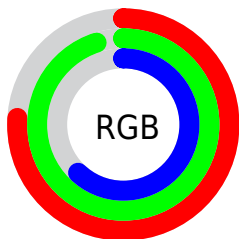
Format	Color
RYB	158, 241, 205
Decimal	12775838
CIELab	90.25, -29.36, 35.30
CIElCh	90, 45.916, 129.752
Yxy	76.8485, 0.3313, 0.4252
Android (android.graphics.Color)	4290965918 (0xFFC2F19E)
YUV	217.4850, -29.3261, -20.5963
Hunter-Lab	87.6633, -31.4932, 31.5883

Details

The XYZ color **59.8750, 76.8485, 44.0253** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **53.2841, 43.7859, 88.8663**, and the grayscale version is **66.4838, 69.9461, 76.1713**.

A 20% lighter version of the original color is **87.5539, 96.8333, 77.0269**, and **30.5979, 41.2275, 19.9807** is the 20% darker color. If you saturate the color by 10%, you get **54.6577, 74.3779, 33.9941**, and if you desaturate by 10%, it is **65.8248, 79.6544, 56.2174**.

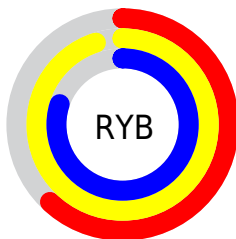
Distribution



Red (76%)

Green (95%)

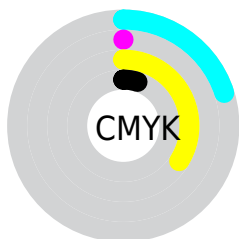
Blue (62%)



Red (62%)

Yellow (95%)

Blue (80%)

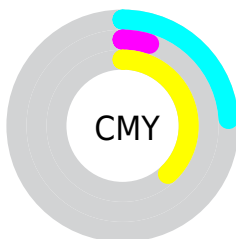


Cyan (20%)

Magenta (0%)

Yellow (34%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8750, 76.8485, 44.0253 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 59.8750, 76.8485, 44.0253 by changing the saturation by 10% instead.


 59.8750, 76.8485,
44.0253


 59.8750, 76.8485,
44.0253


413.9790,
484.2473, 378.8559

 43.5670, 57.1285,
30.3531

 103.7557,
128.9256, 82.5587

 30.5267, 41.1085,
19.8524


 132.0591,
162.0515, 108.2569

 20.3887, 28.4038,
12.1048

165.0916,
200.4149, 138.8009

 12.7878, 18.6303,
6.6917

203.2186,
244.4001, 174.6092

 7.3586, 11.4034,
3.1945

246.8055,
294.3916, 216.1003

 3.7357, 6.3389,
1.1948


296.2177,


 1.5537, 3.0522,


350.7737, 263.6927


0.0000


351.8204,
413.9308, 317.8051


 0.3619, 1.1591,
0.0000


 0.0000, 0.0279,
0.0000


 59.8750, 76.8485,
44.0253


 59.8750, 76.8485,
44.0253


 54.6577, 74.3779,
33.9941


 65.8248, 79.6544,
56.2174


 50.1345, 72.2185,
25.9925

 72.5315, 82.7987,
70.6812

 46.2720, 70.3586,
19.8828

 80.0254, 86.2968,
87.5262

 43.0312, 68.7813,
15.5083

 88.3333, 90.1605,
106.8531

■ 40.3675, 67.4678,
12.6867

■ 90.7468, 91.3937,
107.4656

■ 38.2284, 66.3959,
11.1953

■ 37.2267, 65.8882,
10.7556

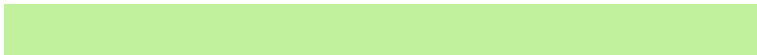
Harmonies

Analogous

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



69.3836, 76.8485, 35.7225



59.8750, 76.8485, 44.0253



54.3086, 76.8485, 63.7347

Triad

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



59.8750, 76.8485, 44.0253



65.6999, 76.8485, 157.6742



96.9037, 76.8485, 73.4633

Complementary

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



59.8750, 76.8485, 44.0253



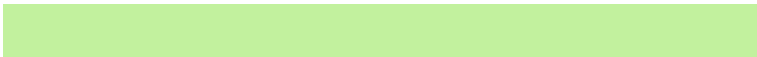
53.2841, 43.7859, 88.8663

Split Complementary

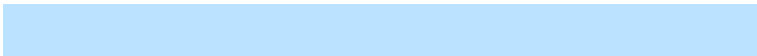
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6533, 76.8485, 107.3927



59.8750, 76.8485, 44.0253



76.8271, 76.8485, 162.2624

Square

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



59.8750, 76.8485, 44.0253



57.4205, 76.8485, 130.7024



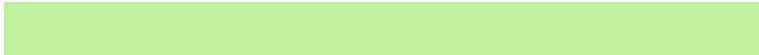
88.0108, 76.8485, 141.9671



91.2677, 76.8485, 49.5449

Rectangle

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



59.8750, 76.8485, 44.0253



53.2022, 76.8485, 83.4034



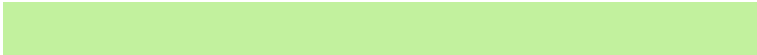
88.0108, 76.8485, 141.9671



97.2872, 76.8485, 83.9471

Sweetspot

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



59.8769, 76.8518, 44.0270



86.0982, 95.8284, 88.4542



63.9599, 64.1919, 41.3681



18.1751, 20.3928, 18.3660



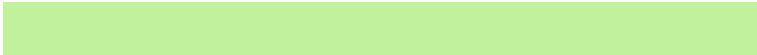
0.0000, 0.0000, 0.0000



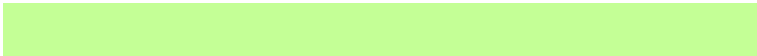
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8769, 76.8518, 44.0270



64.0125, 85.4446, 42.1632



52.0931, 72.7971, 45.5593



16.2162, 17.9916, 16.7678



20.3344, 35.8043, 5.8392



1.8036, 3.0363, 0.4910

Inverse Universe

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



53.2841, 43.7859, 88.8663



55.5090, 42.8279, 99.9487



63.7696, 49.2623, 86.1574



15.7540, 15.6704, 19.9160



14.3156, 6.3854, 45.6059



1.3048, 0.5899, 3.7993

Previews

White Background



This preview shows how the XYZ color 59.8750, 76.8485, 44.0253 looks on a white background.

Color Contrast Check

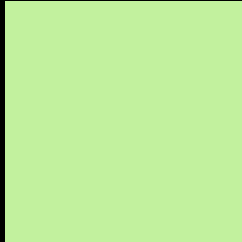
Large Text (above 18pt) WCAG AA × Fail

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 59.8750, 76.8485, 44.0253 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

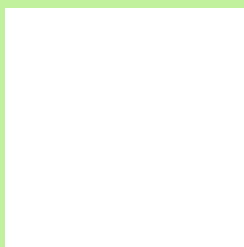
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8750, 76.8485, 44.0253

Background



This preview shows how black text looks on a background with the XYZ color 59.8750, 76.8485, 44.0253.

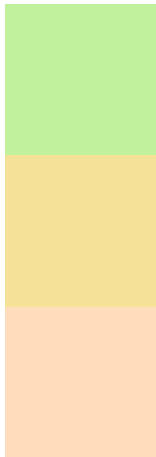


This preview shows how white text looks on a background with the XYZ color 59.8750, 76.8485,

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

59.8750, 76.8485, 44.0253

Protanopia

70.5200, 76.0722, 40.6724

Deuteranopia

75.9103, 76.0772, 58.2604



Tritanopia

71.2525, 76.7808, 99.8717

Trichromacy



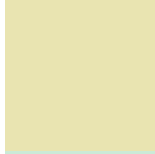
Original Color

59.8750, 76.8485, 44.0253



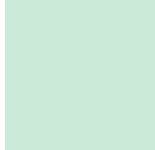
Protanomaly

65.7727, 75.6537, 41.7079



Deuteranomaly

69.2835, 75.9848, 52.6099



Tritanomaly

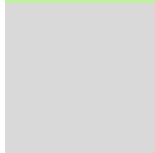
66.3172, 76.4484, 75.5507

Monochromacy



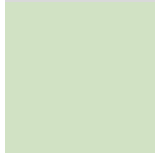
Original Color

59.8750, 76.8485, 44.0253



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.4547, 71.9335, 62.7647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8750, 76.8485, 44.0253 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(194, 241, 158)` looks like.

```
.text, #text, p{  
    color:rgb(194, 241, 158)  
}
```

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(194, 241, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 241, 158) }
```

Border

The CSS property to change the border of an element to XYZ 59.8750, 76.8485, 44.0253 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(194, 241, 158) }
```


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

```
.border{ border-color:rgb(194, 241, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 241, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 241, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 241, 158); box-shadow:4px 4px 4px 4px rgb(194, 241, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8750, 76.8485, 44.0253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 241, 158) }
```

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

```
.background{ background-color: rgb(194,  
241, 158) }
```

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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