

Converting Colors

XYZ(59.8321, 81.0583, 45.2942)

Have a look what the booklet for
XYZ(59.8321, 81.0583, 45.2942)
contains.

XYZ(59.7350, 80.8195, 45.2522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.7350, 80.8195,
45.2522)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FA9F
RGB	182, 250, 159
RGB Percent	71%, 98%, 62%
CMY	0.2863, 0.0196, 0.3765
CMYK	0.27, 0.00, 0.36, 0.02
HSL	105°, 90%, 80%
HSV	105°, 36%, 98%
XYZ	59.7350, 80.8195, 45.2522
YIQ	219.2940, -11.3170, -42.7170

Conversions

Conversions Part 2

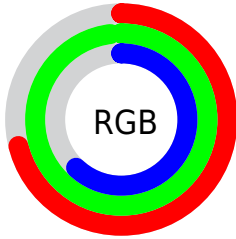
Format	Color
RYB	159, 250, 227
Decimal	11991711
CIELab	92.05, -37.45, 37.04
CIELCh	92, 52.677, 135.316
Yxy	80.8195, 0.3215, 0.4350
Android (android.graphics.Color)	4290181791 (0xFFB6FA9F)
YUV	219.2940, -29.7249, -32.7068
Hunter-Lab	89.8997, -38.7178, 33.0854

Details

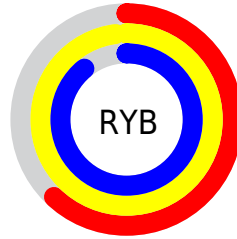
The XYZ color **59.7350, 80.8195, 45.2522** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61.3356, 48.0317, 96.4851**, and the grayscale version is **67.7435, 71.2714, 77.6146**.

A 20% lighter version of the original color is **83.4942, 94.7258, 77.5016**, and **30.4239, 43.6926, 20.4657** is the 20% darker color. If you saturate the color by 10%, you get **53.6600, 77.9160, 34.7661**, and if you desaturate by 10%, it is **66.8416, 84.2090, 58.0801**.

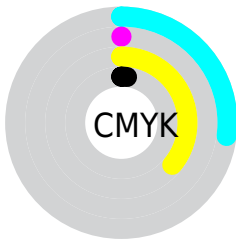
Distribution



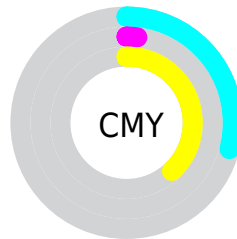
- Red (71%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (36%)
- Black (2%)




- Cyan (29%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7350, 80.8195, 45.2522 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 59.7350, 80.8195, 45.2522 by changing the saturation by 10% instead.


 59.7350, 80.8195,
45.2522


 59.7350, 80.8195,
45.2522


413.4707,
497.6903, 383.9839

 43.4537, 60.3930,
31.3117


 103.5537,
134.5173, 84.4212

 30.4373, 43.7354,
20.5759


 131.8218,
168.5573, 110.4868

 20.3205, 30.4626,
12.6261


164.8162,
207.9040, 141.4312

 12.7378, 20.1900,
7.0439

202.9024,
252.9416, 177.6729

 7.3240, 12.5332,
3.4107

246.4455,
304.0547, 219.6305

 3.7137, 7.1079,
1.3080


295.8110,


 1.5415, 3.5297,


361.6276, 267.7225


0.0683


351.3643,
426.0447, 322.3674


 0.3538, 1.4141,
0.0000


 0.0000, 0.2271,
0.0000


 59.7350, 80.8195,
45.2522


 59.7350, 80.8195,
45.2522


 53.6600, 77.9160,
34.7661


 66.8416, 84.2090,
58.0801

 48.5606, 75.4654,
26.4753

 75.0198, 88.0950,
73.3740

 44.3848, 73.4467,
20.2250

 84.3151, 92.5007,
91.2556

 41.0727, 71.8329,
15.8381

 93.4773, 96.8545,
108.3758

■ 38.5564, 70.5935,
13.1072

■ 36.7556, 69.6928,
11.7733

■ 36.2487, 69.4372,
11.4922

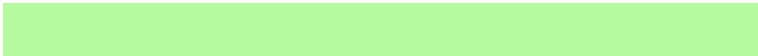
Harmonies

Analogous

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



70.1355, 80.8195, 33.8521



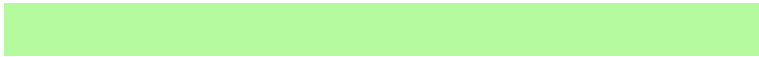
59.7350, 80.8195, 45.2522



54.2611, 80.8195, 70.4000

Triad

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



59.7350, 80.8195, 45.2522



70.3969, 80.8195, 181.7597



104.7976, 80.8195, 69.7175

Complementary

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



59.7350, 80.8195, 45.2522



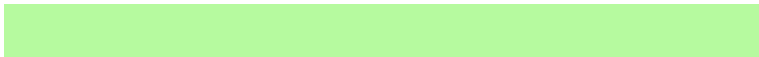
61.3356, 48.0317, 96.4851

Split Complementary

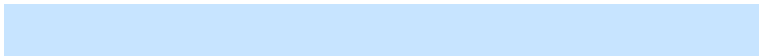
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.8891, 80.8195, 108.3100



59.7350, 80.8195, 45.2522



83.9089, 80.8195, 181.4146

Square

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



59.7350, 80.8195, 45.2522



59.9069, 80.8195, 152.4574



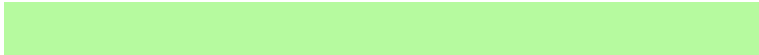
96.8785, 80.8195, 151.6199



96.6416, 80.8195, 44.8799

Rectangle

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



59.7350, 80.8195, 45.2522



53.6769, 80.8195, 95.0970



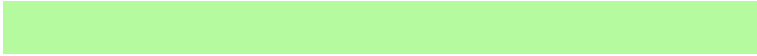
96.8785, 80.8195, 151.6199



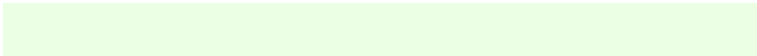
105.8016, 80.8195, 81.2627

Sweetspot

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



59.7370, 80.8230, 45.2540



83.5626, 94.5623, 86.4850



72.8096, 77.0785, 43.8422



17.6044, 20.1068, 17.9704



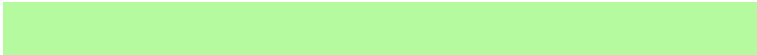
0.0000, 0.0000, 0.0000



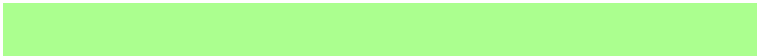
20.3446, 21.4041, 23.3091

Same Dimension

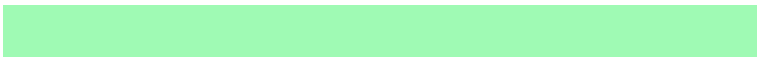
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.7370, 80.8230, 45.2540



57.5312, 82.1725, 38.7359



56.7482, 79.0506, 55.5738



17.4284, 19.5211, 18.3118



19.3374, 36.8871, 6.1007



1.8841, 3.4644, 0.5694

Inverse Universe

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



61.3356, 48.0317, 96.4851



59.4091, 43.0781, 99.7914



65.9358, 50.7665, 80.2852



17.5396, 17.2908, 21.7983



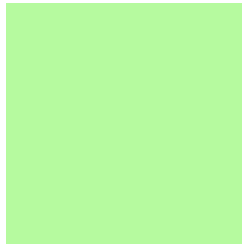
20.1393, 9.3249, 48.7120



1.9625, 0.9138, 4.5161

Previews

White Background



This preview shows how the XYZ color 59.7350, 80.8195, 45.2522 looks on a white background.

Color Contrast Check

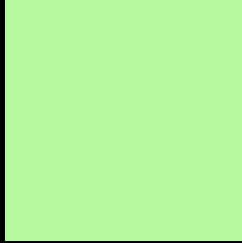
Large Text (above 18pt) WCAG AA × Fail

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 59.7350, 80.8195, 45.2522 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

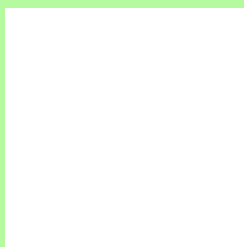
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7350, 80.8195, 45.2522

Background



This preview shows how black text looks on a background with the XYZ color 59.7350, 80.8195, 45.2522.



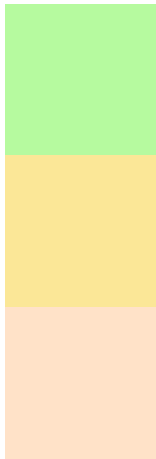
This preview shows how white text looks on a background with the XYZ color 59.7350, 80.8195,

45.2522.

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

59.7350, 80.8195, 45.2522

Protanopia

73.9455, 79.8954, 40.8022

Deuteranopia

78.8617, 79.8228, 65.8945



Tritanopia

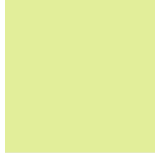
72.4216, 80.2059, 106.2720

Trichromacy



Original Color

59.7350, 80.8195, 45.2522



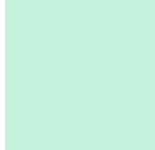
Protanomaly

67.7713, 79.6509, 42.3741



Deuteranomaly

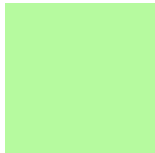
70.4602, 79.4134, 57.5136



Tritanomaly

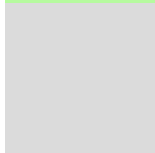
66.9185, 80.1409, 79.6519

Monochromacy



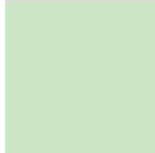
Original Color

59.7350, 80.8195, 45.2522



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.8285, 73.7467, 63.6937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7350, 80.8195, 45.2522 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(182, 250, 159)` looks like.

```
.text, #text, p{  
    color:rgb(182, 250, 159)  
}
```

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(182, 250, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 250, 159) }
```

Border

The CSS property to change the border of an element to XYZ 59.7350, 80.8195, 45.2522 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(182, 250, 159) }
```


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

```
.border{ border-color:rgb(182, 250, 159) }
```

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

Here you see how a box with a 4 pixel rgb(182, 250, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 250, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 250, 159);  
box-shadow:4px 4px 4px 4px rgb(182, 250,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7350, 80.8195, 45.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 250, 159) }
```

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

```
.background{ background-color: rgb(182,  
250, 159) }
```

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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