

Converting Colors

XYZ(66.1369, 83.9370, 62.8515)

Have a look what the booklet for
XYZ(66.1369, 83.9370, 62.8515)
contains.

XYZ(65.9482, 83.6463, 62.5387)	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(65.9482, 83.6463,
62.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FAC0
RGB	194, 250, 192
RGB Percent	76%, 98%, 75%
CMY	0.2392, 0.0196, 0.2471
CMYK	0.22, 0.00, 0.23, 0.02
HSL	118°, 85%, 87%
HSV	118°, 23%, 98%
XYZ	65.9482, 83.6463, 62.5387
YIQ	226.6440, -14.7580, -29.9100

Conversions

Conversions Part 2

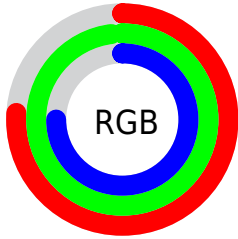
Format	Color
RYB	192, 250, 248
Decimal	12778176
CIELab	93.30, -28.46, 22.19
CIELCh	93, 36.089, 142.051
Yxy	83.6463, 0.3109, 0.3943
Android (android.graphics.Color)	4290968256 (0xFFC2FAC0)
YUV	226.6440, -17.0795, -28.6288
Hunter-Lab	91.4584, -31.3405, 23.4787

Details

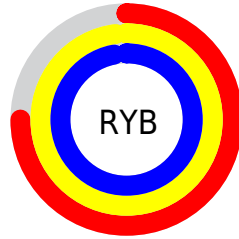
The XYZ color **65.9482, 83.6463, 62.5387** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.8198, 64.5603, 98.9647**, and the grayscale version is **72.8847, 76.6804, 83.5049**.

A 20% lighter version of the original color is **92.6425, 98.8688, 103.8233**, and **34.3049, 45.4639, 31.0121** is the 20% darker color. If you saturate the color by 10%, you get **57.7103, 79.6953, 48.9011**, and if you desaturate by 10%, it is **75.6674, 88.3114, 78.7052**.

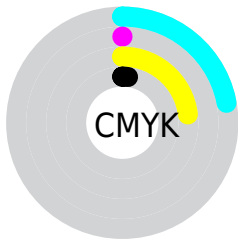
Distribution



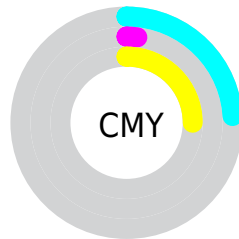
- Red (76%)
- Green (98%)
- Blue (75%)



- Red (75%)
- Yellow (98%)
- Blue (97%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (2%)




- Cyan (24%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9482, 83.6463, 62.5387 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 65.9482, 83.6463, 62.5387 by changing the saturation by 10% instead.


 65.9482, 83.6463,
62.5387

 65.9482, 83.6463,
62.5387


435.6832,
507.1380, 451.9552

 48.4979, 62.7235,
45.0295


 112.4701,
138.4803, 110.0829

 34.4342, 45.6175,
31.1376


142.2725,
173.1602, 140.9549

 23.3919, 31.9441,
20.4443


176.9229,
213.1947, 177.1184

 15.0054, 21.3188,
12.5311

216.7867,
258.9680, 218.9917

 8.9095, 13.3572,
6.9796

262.2293,
310.8646, 266.9936

 4.7388, 7.6750,
3.3711

313.6160,

 2.1280, 3.8877,

369.2688, 321.5424

1.2871

371.3121,
434.5652, 383.0567

■ 0.7044, 1.6109,
0.0512

■ 0.0000, 0.3650,
0.0000

■ 65.9482, 83.6463,
62.5387

■ 65.9482, 83.6463,
62.5387

■ 57.7103, 79.6953,
48.9011

■ 75.6674, 88.3114,
78.7052

■ 50.8748, 76.4132,
37.6595

■ 86.9286, 93.7121,
97.5136

■ 45.3656, 73.7662,
28.6771

■ 93.4772, 96.8545,
108.3757

■ 41.0965, 71.7131,
21.8013

■ 37.9713, 70.2082,
16.8604

■ 35.8799, 69.1988,
13.6560

■ 34.6900, 68.6220,
11.9473

■ 34.2951, 68.4301,
11.4008

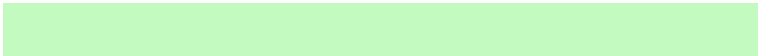
Harmonies

Analogous

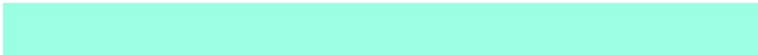
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8390, 83.6463, 50.6767



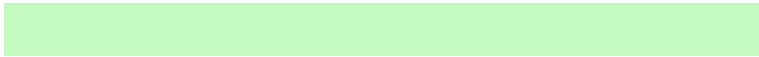
65.9482, 83.6463, 62.5387



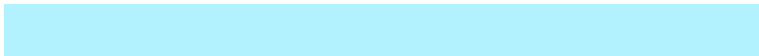
62.7459, 83.6463, 84.0304

Triad

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



65.9482, 83.6463, 62.5387



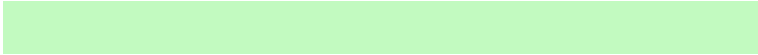
77.0033, 83.6463, 153.3523



97.6687, 83.6463, 72.8097

Complementary

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



65.9482, 83.6463, 62.5387



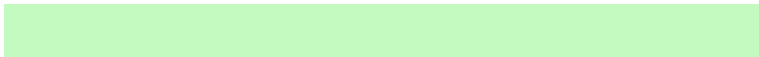
74.8198, 64.5603, 98.9647

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.



99.0065, 83.6463, 98.5061



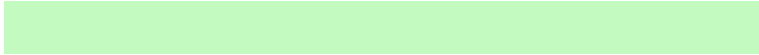
65.9482, 83.6463, 62.5387



86.5621, 83.6463, 148.6942

Square

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



65.9482, 83.6463, 62.5387



68.7884, 83.6463, 138.8851



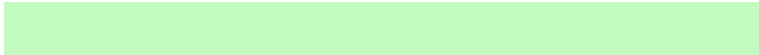
94.7991, 83.6463, 127.1941



91.2769, 83.6463, 55.7313

Rectangle

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



65.9482, 83.6463, 62.5387



62.9401, 83.6463, 102.4445



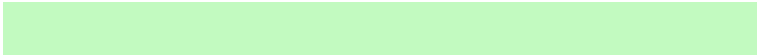
94.7991, 83.6463, 127.1941



98.7439, 83.6463, 80.5824

Sweetspot

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



65.9504, 83.6499, 62.5405



86.2491, 95.7797, 94.1772



82.2338, 90.7166, 63.0463



18.3066, 20.4268, 19.9002



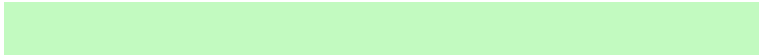
0.0000, 0.0000, 0.0000



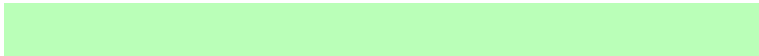
20.3446, 21.4041, 23.3091

Same Dimension

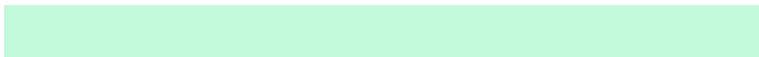
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9504, 83.6499, 62.5405



64.6344, 85.4107, 58.2072



68.5945, 84.6486, 79.1243



17.0727, 19.3377, 18.2951



18.2145, 36.3082, 6.0482



1.7058, 3.3725, 0.5610

Inverse Universe

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



74.8198, 64.5603, 98.9647



75.4479, 62.1313, 102.6237



71.7178, 63.4018, 78.9105



17.9304, 17.4923, 21.8166



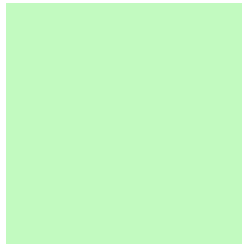
28.4905, 13.6301, 49.1028



2.6567, 1.2717, 4.5486

Previews

White Background



This preview shows how the XYZ color 65.9482, 83.6463, 62.5387 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 65.9482, 83.6463, 62.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

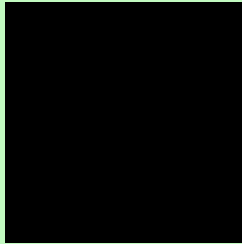
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9482, 83.6463, 62.5387

Background



This preview shows how black text looks on a background with the XYZ color 65.9482, 83.6463, 62.5387.

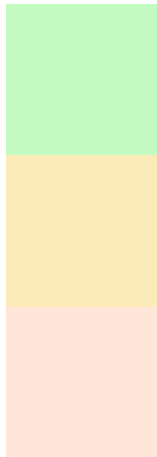


This preview shows how white text looks on a background with the XYZ color 65.9482, 83.6463,

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

65.9482, 83.6463, 62.5387

Protanopia

77.8896, 83.2434, 57.8613

Deuteranopia

81.9315, 82.8115, 76.6317



Tritanopia

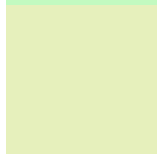
76.3615, 83.5372, 106.7074

Trichromacy



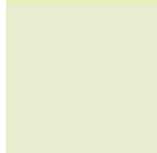
Original Color

65.9482, 83.6463, 62.5387



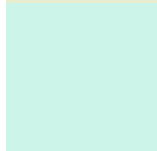
Protanomaly

72.8703, 82.7740, 59.7133



Deuteranomaly

75.1509, 82.3970, 70.9748



Tritanomaly

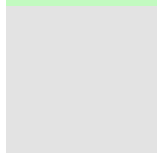
72.0930, 83.5067, 88.6626

Monochromacy



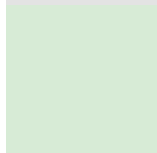
Original Color

65.9482, 83.6463, 62.5387



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

69.8703, 78.7188, 75.1300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9482, 83.6463, 62.5387 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, 250, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 250, 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(194, 250, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 250, 192) }
```

Border

The CSS property to change the border of an element to XYZ 65.9482, 83.6463, 62.5387 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, 250, 192) }
```


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

```
.border{ border-color:rgb(194, 250, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 250, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 250, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 250, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 250,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9482, 83.6463, 62.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 250, 192) }
```

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

```
.background{ background-color: rgb(194,  
250, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor