

Converting Colors

XYZ(65.3253, 82.8133, 64.7661)

Have a look what the booklet for
XYZ(65.3253, 82.8133, 64.7661)
contains.

XYZ(65.3253, 82.8133, 64.7661)	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(65.3253, 82.8133,
64.7661)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF9C4
RGB	191, 249, 196
RGB Percent	75%, 98%, 77%
CMY	0.2510, 0.0235, 0.2314
CMYK	0.23, 0.00, 0.21, 0.02
HSL	125°, 83%, 86%
HSV	125°, 23%, 98%
XYZ	65.3253, 82.8133, 64.7661
YIQ	225.6160, -17.5550, -28.7790

Conversions

Conversions Part 2

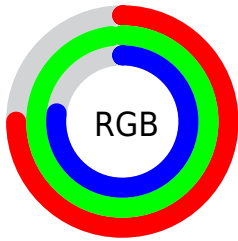
Format	Color
RYB	191, 244, 249
Decimal	12581316
CIELab	92.93, -28.29, 19.61
CIELCh	93, 34.423, 145.262
Yxy	82.8133, 0.3068, 0.3890
Android (android.graphics.Color)	4290771396 (0xFFBFF9C4)
YUV	225.6160, -14.6007, -30.3582
Hunter-Lab	91.0018, -31.1176, 21.5045

Details

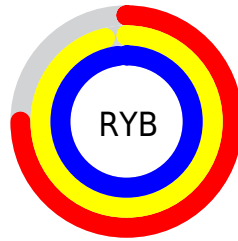
The XYZ color **65.3253, 82.8133, 64.7661** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.0296, 63.9347, 94.0302**, and the grayscale version is **72.1244, 75.8805, 82.6338**.

A 20% lighter version of the original color is **92.2010, 98.5683, 107.0946**, and **33.8855, 44.8865, 32.4692** is the 20% darker color. If you saturate the color by 10%, you get **57.1912, 78.8993, 51.8761**, and if you desaturate by 10%, it is **74.9212, 87.4402, 79.7783**.

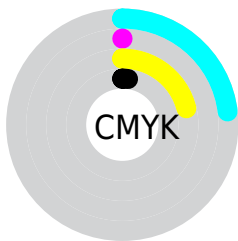
Distribution



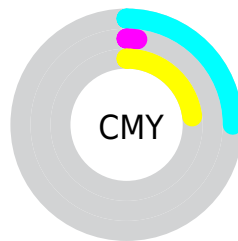
- Red (75%)
- Green (98%)
- Blue (77%)



- Red (75%)
- Yellow (96%)
- Blue (98%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)





- Cyan (25%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3253, 82.8133, 64.7661 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 65.3253, 82.8133, 64.7661 by changing the saturation by 10% instead.


 65.3253, 82.8133,
64.7661

 65.3253, 82.8133,
64.7661


433.4868,
504.3641, 460.2341

 47.9906, 62.0361,
46.8213


 111.5805,
137.3139, 113.3236

 34.0306, 45.0619,
32.5411


141.2317,
171.8062, 144.7733

 23.0801, 31.5062,
21.5069


175.7191,
211.6390, 181.5618

 14.7737, 20.9846,
13.3002

215.4081,
257.1966, 224.1076

 8.7460, 13.1127,
7.5024

260.6640,
308.8636, 272.8291

 4.6317, 7.5062,
3.6951

311.8522,

 2.0653, 3.7807,

367.0242, 328.1451

1.4596

369.3380,
432.0629, 390.4739

■ 0.6703, 1.5516,
0.1876

■ 0.0000, 0.3247,
0.0000

■ 65.3253, 82.8133,
64.7661

■ 65.3253, 82.8133,
64.7661

■ 57.1912, 78.8993,
51.8761

■ 74.9212, 87.4402,
79.7783

■ 50.4408, 75.6529,
41.0075

■ 86.0388, 92.8020,
96.9964

■ 44.9989, 73.0399,
32.0593

■ 93.1673, 96.2347,
108.2724

■ 40.7803, 71.0188,
24.9199

■ 37.6897, 69.5431,
19.4661

■ 35.6178, 68.5593,
15.5593

■ 34.4328, 68.0029,
13.0389

■ 34.0171, 67.8106,
12.0284

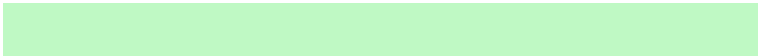
Harmonies

Analogous

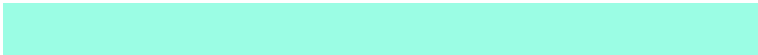
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5524, 82.8133, 52.3534



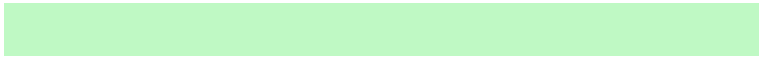
65.3253, 82.8133, 64.7661



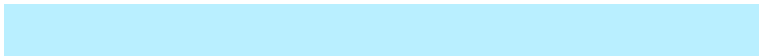
62.6889, 82.8133, 86.1362

Triad

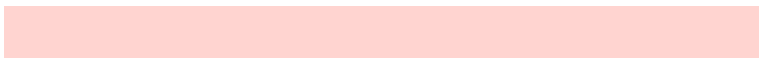
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3253, 82.8133, 64.7661



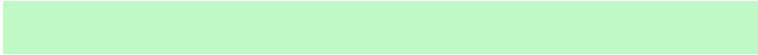
77.2903, 82.8133, 149.1537



95.4285, 82.8133, 70.6230

Complementary

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



65.3253, 82.8133, 64.7661



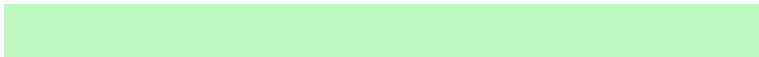
74.0296, 63.9347, 94.0302

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.



97.2552, 82.8133, 94.3270



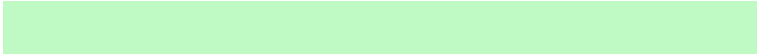
65.3253, 82.8133, 64.7661



86.3330, 82.8133, 142.8498

Square

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



65.3253, 82.8133, 64.7661



69.2534, 82.8133, 137.3566



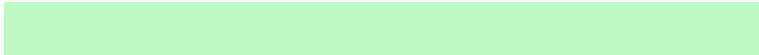
93.8119, 82.8133, 121.4741



88.9939, 82.8133, 55.2554

Rectangle

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



65.3253, 82.8133, 64.7661



63.1639, 82.8133, 103.8604



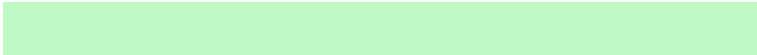
93.8119, 82.8133, 121.4741



96.6217, 82.8133, 77.7381

Sweetspot

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



65.3275, 82.8168, 64.7679



86.2692, 95.7640, 95.3581



80.6493, 90.7801, 62.5625



18.3113, 20.4232, 20.1725



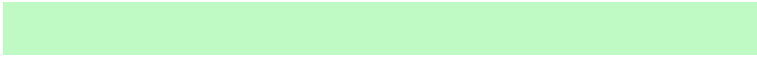
0.0000, 0.0000, 0.0000



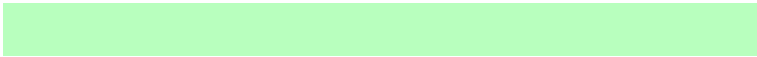
20.3446, 21.4041, 23.3091

Same Dimension

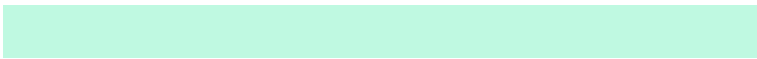
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3275, 82.8168, 64.7679



64.6991, 85.3681, 61.6432



68.9318, 84.2585, 83.7480



17.0781, 19.3335, 18.6120



18.2287, 36.3045, 6.5476



1.7083, 3.3704, 0.7120

Inverse Universe

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



74.0296, 63.9347, 94.0302



75.3721, 62.2048, 97.5292



69.9874, 62.3178, 72.7440



17.9247, 17.4972, 21.4592



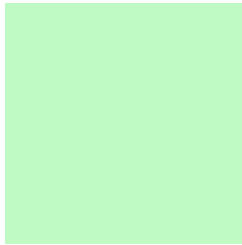
28.3997, 13.7756, 40.4090



2.6487, 1.2832, 3.8396

Previews

White Background



This preview shows how the XYZ color 65.3253, 82.8133, 64.7661 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 65.3253, 82.8133, 64.7661 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 65.3253, 82.8133, 64.7661

Background



This preview shows how black text looks on a background with the XYZ color 65.3253, 82.8133, 64.7661.



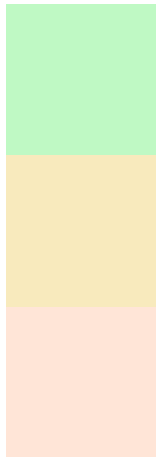
This preview shows how white text looks on a background with the XYZ color 65.3253, 82.8133,

64.7661.

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

65.3253, 82.8133, 64.7661

Protanopia

77.3195, 82.4762, 59.9884

Deuteranopia

81.5251, 82.2049, 75.8603



Tritanopia

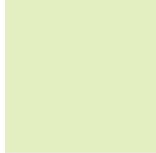
75.2110, 82.5083, 106.5694

Trichromacy



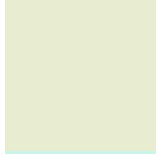
Original Color

65.3253, 82.8133, 64.7661



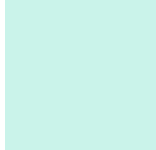
Protanomaly

72.0595, 81.8697, 61.8737



Deuteranomaly

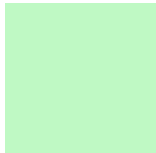
74.6593, 81.7008, 71.5094



Tritanomaly

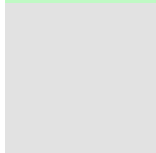
71.2590, 82.5983, 90.0292

Monochromacy



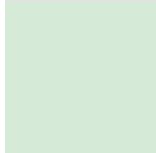
Original Color

65.3253, 82.8133, 64.7661



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

69.1291, 77.8981, 75.6823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3253, 82.8133, 64.7661 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(191, 249, 196)` looks like.

```
.text, #text, p{  
    color:rgb(191, 249, 196)  
}
```

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(191, 249, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 249, 196) }
```

Border

The CSS property to change the border of an element to XYZ 65.3253, 82.8133, 64.7661 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(191, 249, 196) }
```


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

```
.border{ border-color:rgb(191, 249, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 249, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 249, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 249, 196);  
box-shadow:4px 4px 4px 4px rgb(191, 249,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3253, 82.8133, 64.7661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 249, 196) }
```

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

```
.background{ background-color: rgb(191,  
249, 196) }
```

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