

Converting Colors

XYZ(64.0083, 81.2939, 61.3790)

Have a look what the booklet for
XYZ(64.0083, 81.2939, 61.3790)
contains.

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Color

**XYZ(64.1506, 81.3595,
61.6131)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF7BF
RGB	191, 247, 191
RGB Percent	75%, 97%, 75%
CMY	0.2510, 0.0314, 0.2510
CMYK	0.23, 0.00, 0.23, 0.03
HSL	120°, 78%, 86%
HSV	120°, 23%, 97%
XYZ	64.1506, 81.3595, 61.6131
YIQ	223.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

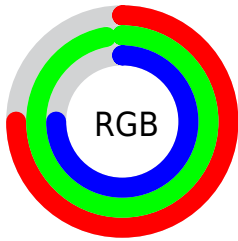
Format	Color
RYB	191, 247, 247
Decimal	12580799
CIELab	92.29, -28.18, 21.28
CIElCh	92, 35.319, 142.941
Yxy	81.3595, 0.3097, 0.3928
Android (android.graphics.Color)	4290770879 (0xFFBFF7BF)
YUV	223.8720, -16.2059, -28.8287
Hunter-Lab	90.1995, -30.8985, 22.6401

Details

The XYZ color **64.1506, 81.3595, 61.6131** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.7799, 63.7529, 96.4161**, and the grayscale version is **70.8819, 74.5733, 81.2103**.

A 20% lighter version of the original color is **91.4147, 98.2538, 102.9537**, and **33.0822, 43.8673, 30.3905** is the 20% darker color. If you saturate the color by 10%, you get **55.9621, 77.4285, 48.2175**, and if you desaturate by 10%, it is **73.8494, 86.0208, 77.4755**.

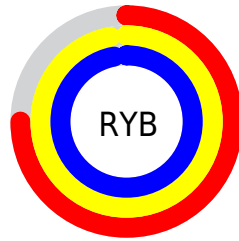
Distribution



Red (75%)

Green (97%)

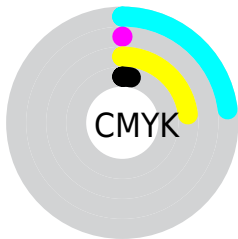
Blue (75%)



Red (75%)

Yellow (97%)

Blue (97%)

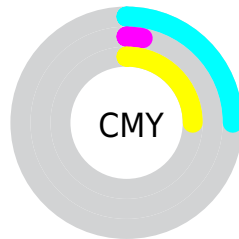


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (3%)



Cyan (25%)

Magenta (3%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1506, 81.3595, 61.6131 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 64.1506, 81.3595, 61.6131 by changing the saturation by 10% instead.

64.1506, 81.3595,
61.6131

64.1506, 81.3595,
61.6131

429.3269,
499.5027, 448.4870

47.0348, 60.8377,
44.2864

109.9003,
135.2754, 108.7323

33.2712, 44.0942,
30.5569

139.2649,
169.4384, 139.3619

22.4945, 30.7446,
20.0060

173.4432,
208.9172, 175.2629

14.3394, 20.4044,
12.2153

212.8005,
254.0962, 216.8537

8.4403, 12.6894,
6.7662

257.7022,
305.3599, 264.5530

4.4321, 7.2150,
3.2401

308.5136,

1.9494, 3.5969,

363.0926, 318.7793

1.2185

365.6000,
427.6788, 379.9511

0.6053, 1.4507,
0.0000

0.0000, 0.2537,
0.0000

64.1506, 81.3595,
61.6131

64.1506, 81.3595,
61.6131

55.9621, 77.4285,
48.2175

73.8494, 86.0208,
77.4755

49.2019, 74.1813,
37.1600

85.1223, 91.4357,
95.9143

43.7901, 71.5817,
28.3081

92.5524, 95.0047,
108.0675

39.6365, 69.5866,
21.5140

■ 36.6397, 68.1470,
16.6120

■ 34.6826, 67.2069,
13.4107

■ 33.6237, 66.6983,
11.6785

■ 33.2624, 66.5248,
11.0876

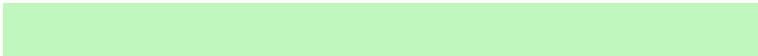
Harmonies

Analogous

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



70.6876, 81.3595, 49.8872



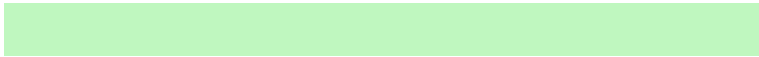
64.1506, 81.3595, 61.6131



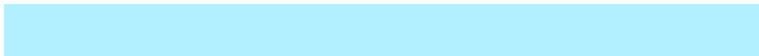
61.1847, 81.3595, 82.5510

Triad

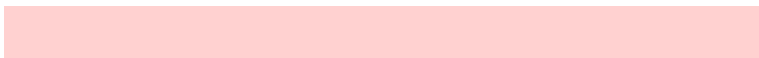
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.1506, 81.3595, 61.6131



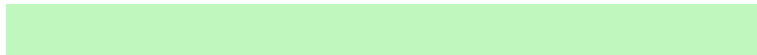
75.1925, 81.3595, 148.4298



94.6476, 81.3595, 70.4009

Complementary

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



64.1506, 81.3595, 61.6131



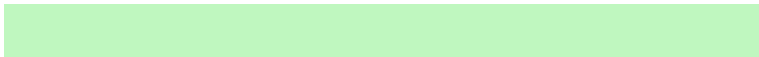
73.7799, 63.7529, 96.4161

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.



96.0911, 81.3595, 94.9096



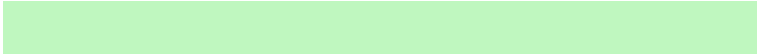
64.1506, 81.3595, 61.6131



84.3756, 81.3595, 143.4158

Square

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



64.1506, 81.3595, 61.6131



67.2263, 81.3595, 135.0651



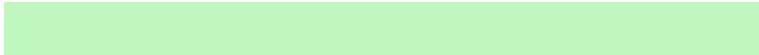
92.2006, 81.3595, 122.4676



88.3980, 81.3595, 54.2201

Rectangle

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



64.1506, 81.3595, 61.6131



61.4526, 81.3595, 100.3284



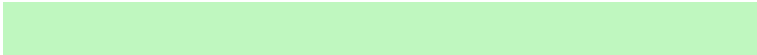
92.2006, 81.3595, 122.4676



95.7301, 81.3595, 77.7987

Sweetspot

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



64.1528, 81.3630, 61.6149



86.0432, 95.6736, 94.1678



81.0261, 90.0615, 62.4040



18.2592, 20.4024, 19.8980



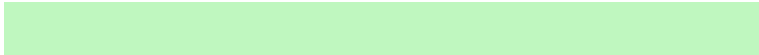
0.0000, 0.0000, 0.0000



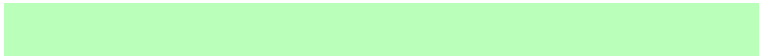
20.3446, 21.4041, 23.3091

Same Dimension

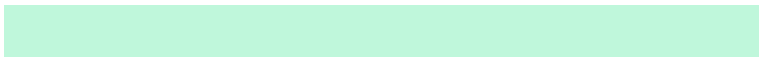
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1528, 81.3630, 61.6149



64.9252, 85.5295, 59.6256



67.5352, 82.7159, 79.4264



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



73.7799, 63.7529, 96.4161



76.8803, 63.6610, 102.8425



69.7773, 62.1519, 75.3389



17.2137, 16.7683, 20.8719



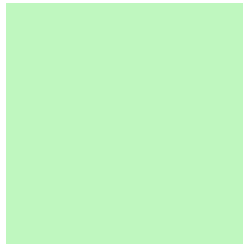
29.1647, 14.0093, 47.7032



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 64.1506, 81.3595, 61.6131 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 64.1506, 81.3595, 61.6131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

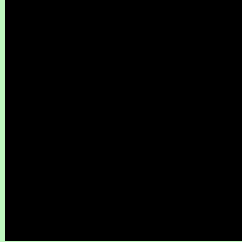
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1506, 81.3595, 61.6131

Background



This preview shows how black text looks on a background with the XYZ color 64.1506, 81.3595, 61.6131.



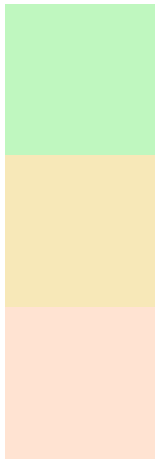
This preview shows how white text looks on a background with the XYZ color 64.1506, 81.3595,

61.6131.

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

64.1506, 81.3595, 61.6131

Protanopia

75.8661, 80.9481, 56.9734

Deuteranopia

80.3419, 80.8513, 72.3442



Tritanopia

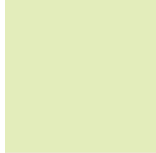
73.8014, 81.3482, 106.4198

Trichromacy



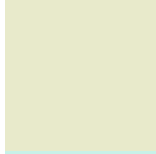
Original Color

64.1506, 81.3595, 61.6131



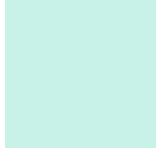
Protanomaly

70.9324, 80.4871, 58.8107



Deuteranomaly

73.4810, 80.3132, 68.1291



Tritanomaly

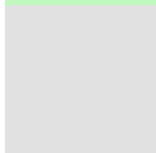
69.8402, 81.0161, 88.3006

Monochromacy



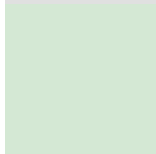
Original Color

64.1506, 81.3595, 61.6131



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.8917, 76.4637, 73.4681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1506, 81.3595, 61.6131 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, 247, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 247, 191)  
}
```

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, 247, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 247, 191) }
```

Border

The CSS property to change the border of an element to XYZ 64.1506, 81.3595, 61.6131 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, 247, 191) }
```


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

```
.border{ border-color:rgb(191, 247, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 247, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 247, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 247, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 247,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1506, 81.3595, 61.6131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 247, 191) }
```

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

```
.background{ background-color: rgb(191,  
247, 191) }
```

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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