

Converting Colors

XYZ(64.7896, 85.3920, 62.6725)

Have a look what the booklet for
XYZ(64.7896, 85.3920, 62.6725)
contains.

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Color

**XYZ(64.8029, 85.3931,
62.9362)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FFC0
RGB	183, 255, 192
RGB Percent	72%, 100%, 75%
CMY	0.2823, 0.0000, 0.2471
CMYK	0.28, 0.00, 0.25, 0.00
HSL	128°, 100%, 86%
HSV	128°, 28%, 100%
XYZ	64.8029, 85.3931, 62.9362
YIQ	226.2900, -22.6890, -34.8570

Conversions

Conversions Part 2

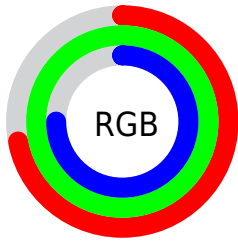
Format	Color
RYB	183, 247, 255
Decimal	12058560
CIELab	94.05, -34.29, 23.14
CIElCh	94, 41.372, 145.984
Yxy	85.3931, 0.3041, 0.4007
Android (android.graphics.Color)	4290248640 (0xFFB7FFC0)
YUV	226.2900, -16.9050, -37.9653
Hunter-Lab	92.4084, -36.5386, 24.3055

Details

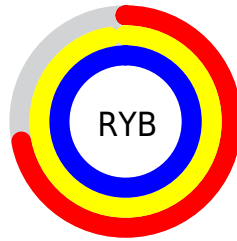
The XYZ color **64.8029, 85.3931, 62.9362** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.8082, 61.7814, 95.1704**, and the grayscale version is **72.6285, 76.4109, 83.2114**.

A 20% lighter version of the original color is **88.7941, 96.8848, 103.6432**, and **33.6836, 46.8123, 31.3051** is the 20% darker color. If you saturate the color by 10%, you get **56.9891, 81.6292, 50.6291**, and if you desaturate by 10%, it is **74.0915, 89.8738, 77.2714**.

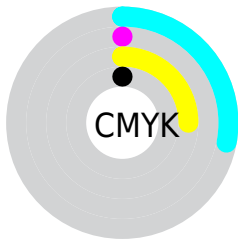
Distribution



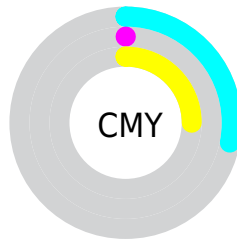
- Red (72%)
- Green (100%)
- Blue (75%)



- Red (72%)
- Yellow (97%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8029, 85.3931, 62.9362 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 64.8029, 85.3931, 62.9362 by changing the saturation by 10% instead.


 64.8029, 85.3931,
62.9362

 64.8029, 85.3931,
62.9362


431.6398,
512.9279, 453.4395

 47.5654, 64.1662,
45.3489


 110.8337,
140.9223, 110.6621

 33.6927, 46.7853,
31.3874


140.3577,
175.9934, 141.6379

 22.8194, 32.8660,
20.6331

174.7080,
216.4480, 177.9136

 14.5801, 22.0238,
12.6674

214.2498,
262.6705, 219.9077

 8.6096, 13.8744,
7.0719

259.3485,
315.0454, 268.0388

 4.5425, 8.0334,
3.4280

310.3695,

 2.0134, 4.1163,

373.9570, 322.7254

1.3171

367.6781,
439.7897, 384.3862

■ 0.6415, 1.7388,
0.0757

■ 0.0000, 0.4486,
0.0000

■ 64.8029, 85.3931,
62.9362

■ 64.8029, 85.3931,
62.9362

■ 56.9891, 81.6292,
50.6291

■ 74.0915, 89.8738,
77.2714

■ 50.5721, 78.5441,
40.2546

■ 84.9237, 95.1053,
93.7162

■ 45.4695, 76.0973,
31.7158

95.0500, 100.0000,
108.9000

■ 41.5893, 74.2437,
24.9057

■ 38.8275, 72.9322,
19.7061

■ 37.0625, 72.1028,
15.9841

■ 36.1320, 71.6753,
13.5848

■ 36.0191, 71.6236,
13.2842

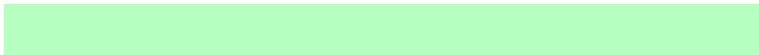
Harmonies

Analogous

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



72.2104, 85.3931, 48.3225



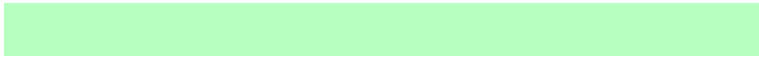
64.8029, 85.3931, 62.9362



61.7689, 85.3931, 88.7840

Triad

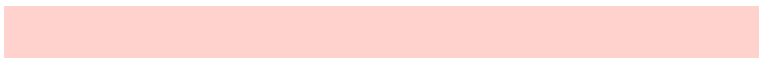
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8029, 85.3931, 62.9362



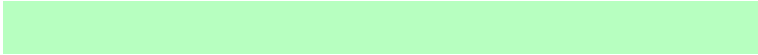
79.6854, 85.3931, 167.8018



101.7891, 85.3931, 68.7965

Complementary

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



64.8029, 85.3931, 62.9362



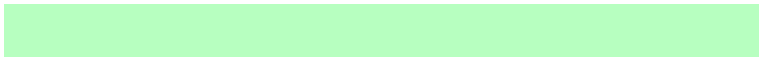
74.8082, 61.7814, 95.1704

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.



104.2444, 85.3931, 97.3032



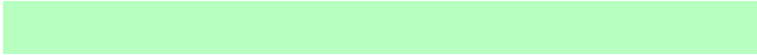
64.8029, 85.3931, 62.9362



90.8278, 85.3931, 159.0660

Square

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



64.8029, 85.3931, 62.9362



69.8537, 85.3931, 153.0509



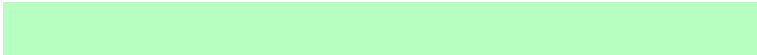
100.0693, 85.3931, 131.3212



93.6328, 85.3931, 51.1284

Rectangle

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



64.8029, 85.3931, 62.9362



62.4121, 85.3931, 110.7524



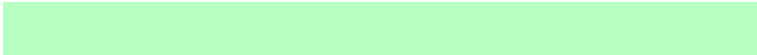
100.0693, 85.3931, 131.3212



103.3385, 85.3931, 77.2160

Sweetspot

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



64.8035, 85.3933, 62.9375



85.1971, 95.2374, 94.1282



82.5243, 94.6405, 58.7185



17.8639, 20.2051, 19.5865



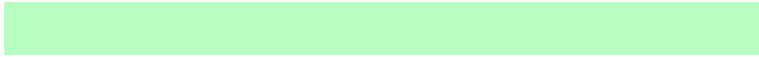
0.0000, 0.0000, 0.0000



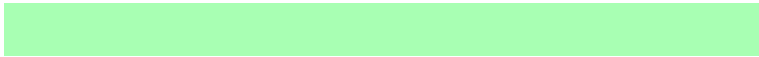
20.3446, 21.4041, 23.3091

Same Dimension

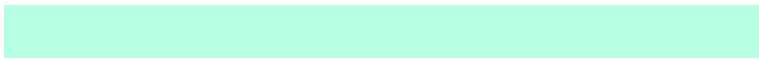
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.8035, 85.3933, 62.9375



60.1231, 83.1381, 55.5998



69.2093, 87.1557, 86.1383



17.8639, 20.2051, 19.5865



18.8493, 37.4363, 7.0917



1.8630, 3.6561, 0.8364

Inverse Universe

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



74.8082, 61.7814, 95.1704



71.6517, 55.9176, 92.7332



69.8817, 59.8107, 69.2275



18.6892, 18.2590, 22.2462



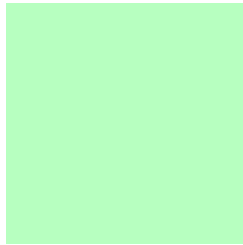
28.5554, 13.9115, 37.9050



2.8066, 1.3650, 3.8288

Previews

White Background



This preview shows how the XYZ color 64.8029, 85.3931, 62.9362 looks on a white background.

Color Contrast Check

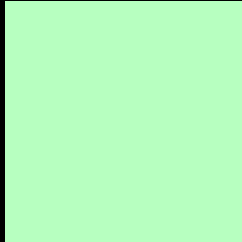
Large Text (above 18pt) WCAG AA × Fail

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 64.8029, 85.3931, 62.9362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

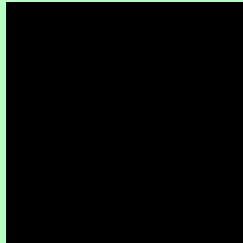
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

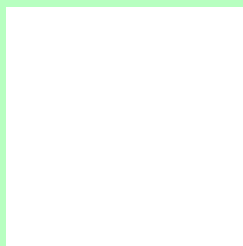
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8029, 85.3931, 62.9362

Background



This preview shows how black text looks on a background with the XYZ color 64.8029, 85.3931, 62.9362.



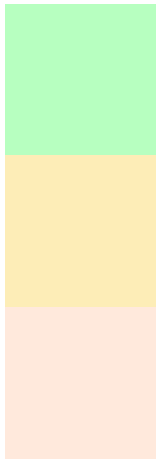
This preview shows how white text looks on a background with the XYZ color 64.8029, 85.3931,

62.9362.

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

64.8029, 85.3931, 62.9362

Protanopia

79.3394, 84.8699, 56.9996

Deuteranopia

83.2972, 84.7051, 79.6696



Tritanopia

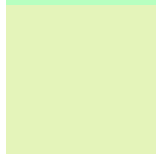
77.2427, 84.8704, 106.9182

Trichromacy



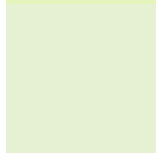
Original Color

64.8029, 85.3931, 62.9362



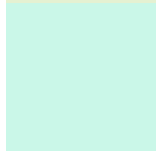
Protanomaly

73.2085, 84.7405, 58.9524



Deuteranomaly

75.4013, 84.2218, 73.2551



Tritanomaly

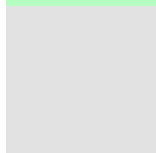
72.1834, 84.9043, 88.9276

Monochromacy



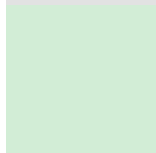
Original Color

64.8029, 85.3931, 62.9362



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

69.0001, 79.1251, 75.2543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8029, 85.3931, 62.9362 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(183, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 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(183, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 64.8029, 85.3931, 62.9362 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(183, 255, 192) }
```


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

```
.border{ border-color:rgb(183, 255, 192) }
```

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

Here you see how a box with a 4 pixel rgb(183, 255, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8029, 85.3931, 62.9362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 192) }
```

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

```
.background{ background-color: rgb(183,  
255, 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](#).

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