

Converting Colors

XYZ(62.4459, 76.7683, 64.6100)

Have a look what the booklet for
XYZ(62.4459, 76.7683, 64.6100)
contains.

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Color

**XYZ(62.4304, 76.8406,
64.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	BFEFC5
RGB	191, 239, 197
RGB Percent	75%, 94%, 77%
CMY	0.2510, 0.0627, 0.2274
CMYK	0.20, 0.00, 0.18, 0.06
HSL	128°, 60%, 84%
HSV	128°, 20%, 94%
XYZ	62.4304, 76.8406, 64.3646
YIQ	219.8600, -15.1260, -23.2380

Conversions

Conversions Part 2

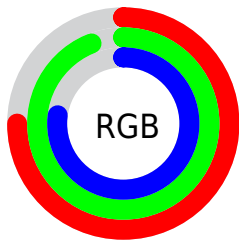
Format	Color
RYB	191, 234, 239
Decimal	12578757
CIELab	90.25, -23.33, 15.33
CIElCh	90, 27.922, 146.687
Yxy	76.8406, 0.3066, 0.3773
Android (android.graphics.Color)	4290768837 (0xFFBF5FC5)
YUV	219.8600, -11.2700, -25.3102
Hunter-Lab	87.6588, -26.2755, 17.8267

Details

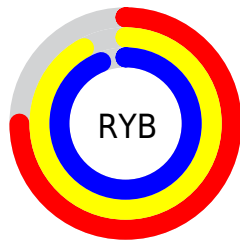
The XYZ color **62.4304, 76.8406, 64.3646** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.9381, 61.4973, 85.3309**, and the grayscale version is **68.0153, 71.5573, 77.9260**.

A 20% lighter version of the original color is **92.3608, 98.6322, 107.9359**, and **32.2079, 41.1685, 32.2354** is the 20% darker color. If you saturate the color by 10%, you get **54.6710, 73.1006, 52.3489**, and if you desaturate by 10%, it is **71.5073, 81.2257, 78.1806**.

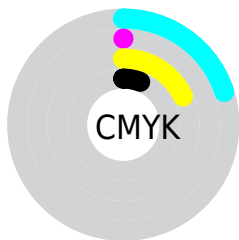
Distribution



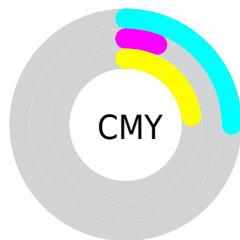
- Red (75%)
- Green (94%)
- Blue (77%)



- Red (75%)
- Yellow (92%)
- Blue (94%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (25%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4304, 76.8406, 64.3646 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 62.4304, 76.8406, 64.3646 by changing the saturation by 10% instead.

62.4304, 76.8406,
64.3646

62.4304, 76.8406,
64.3646

423.1919,
484.2204, 458.7486

45.6375, 57.1221,
46.4980

107.4338,
128.9144, 112.7404

32.1633, 41.1032,
32.2875

136.3749,
162.0385, 144.0866

21.6424, 28.3998,
21.3145

170.0962,
200.3999, 180.7631

13.7095, 18.6272,
13.1606

208.9630,
244.3831, 223.1884

7.9992, 11.4012,
7.4072

253.3406,
294.3723, 271.7811

4.1463, 6.3374,
3.6358

303.5943,

1.7852, 3.0513,

350.7519, 326.9596

1.4277

360.0897,
413.9065, 389.1427

■ 0.5087, 1.1586,
0.1632

■ 0.0000, 0.0275,
0.0000

■ 62.4304, 76.8406,
64.3646

■ 62.4304, 76.8406,
64.3646

■ 54.6710, 73.1006,
52.3489

■ 71.5073, 81.2257,
78.1806

■ 48.1616, 69.9660,
42.0544

■ 81.9525, 86.2742,
93.8612

■ 42.8384, 67.4078,
33.4038

■ 90.1580, 90.2160,
107.2693

■ 38.6293, 65.3905,
26.3121

■ 35.4542, 63.8749,
20.6862

■ 33.2223, 62.8164,
16.4237

■ 31.8266, 62.1621,
13.4083

■ 31.1008, 61.8291,
11.5151

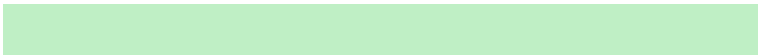
Harmonies

Analogous

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



67.1980, 76.8406, 53.9280



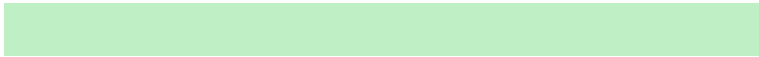
62.4304, 76.8406, 64.3646



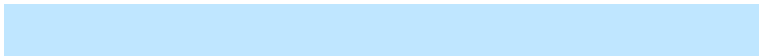
60.4938, 76.8406, 81.4748

Triad

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



62.4304, 76.8406, 64.3646



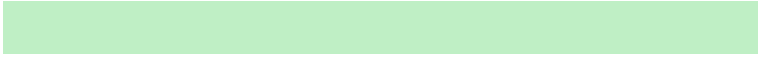
72.2654, 76.8406, 127.9665



85.6321, 76.8406, 67.6337

Complementary

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



62.4304, 76.8406, 64.3646



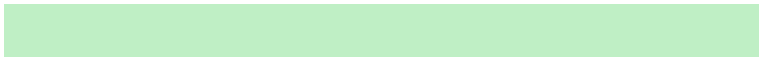
68.9381, 61.4973, 85.3309

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.



87.1990, 76.8406, 85.8969



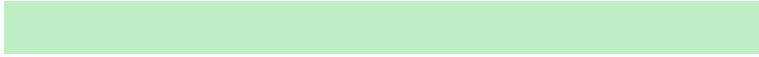
62.4304, 76.8406, 64.3646



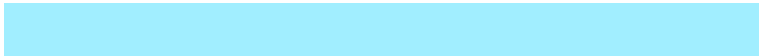
79.1999, 76.8406, 122.7149

Square

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



62.4304, 76.8406, 64.3646



65.9410, 76.8406, 119.8828



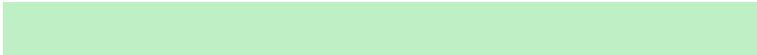
84.7765, 76.8406, 106.4859



80.6197, 76.8406, 55.5946

Rectangle

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



62.4304, 76.8406, 64.3646



60.9715, 76.8406, 95.1395



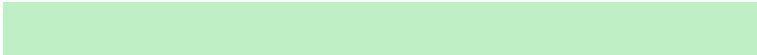
84.7765, 76.8406, 106.4859



86.5924, 76.8406, 73.1548

Sweetspot

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



62.4325, 76.8439, 64.3663



87.5623, 96.3803, 97.6878



74.0087, 82.8895, 61.3896



18.5751, 20.5487, 20.6583



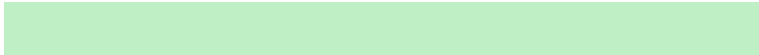
0.0000, 0.0000, 0.0000



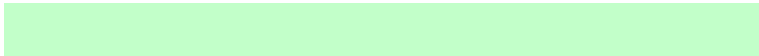
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4325, 76.8439, 64.3663



68.5525, 87.2012, 68.7548



65.3526, 78.0119, 79.7435



15.6463, 17.6885, 17.1603



17.2117, 34.1767, 6.4976



1.4574, 2.8534, 0.6753

Inverse Universe

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



68.9381, 61.4973, 85.3309



77.3299, 66.4916, 97.0375



65.7880, 60.2372, 68.7430



16.3642, 15.9954, 19.4743



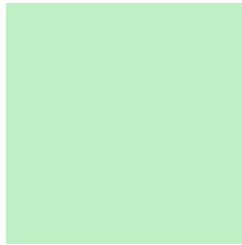
26.0736, 12.7019, 34.6339



2.1927, 1.0661, 3.0056

Previews

White Background



This preview shows how the XYZ color 62.4304, 76.8406, 64.3646 looks on a white background.

Color Contrast Check

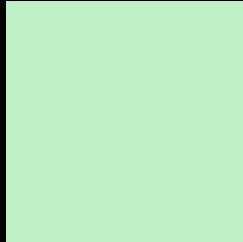
Large Text (above 18pt) WCAG AA × Fail

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 62.4304, 76.8406, 64.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

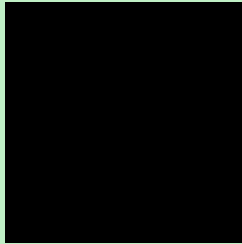
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

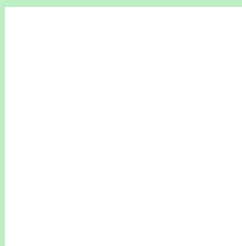
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4304, 76.8406, 64.3646

Background



This preview shows how black text looks on a background with the XYZ color 62.4304, 76.8406, 64.3646.



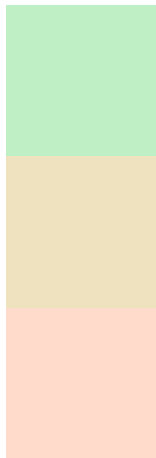
This preview shows how white text looks on a background with the XYZ color 62.4304, 76.8406,

64.3646.

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

62.4304, 76.8406, 64.3646

Protanopia

72.0872, 76.4611, 59.6743

Deuteranopia

77.4706, 76.2827, 67.7676



Tritanopia

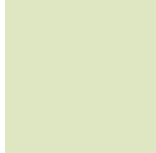
69.9313, 76.8947, 101.5989

Trichromacy



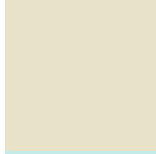
Original Color

62.4304, 76.8406, 64.3646



Protanomaly

68.3258, 76.5317, 61.6230



Deuteranomaly

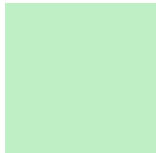
71.0177, 75.7656, 66.1395



Tritanomaly

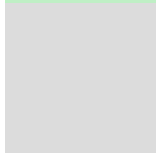
67.1581, 77.0565, 86.9351

Monochromacy



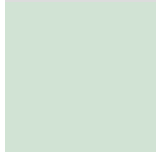
Original Color

62.4304, 76.8406, 64.3646



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

65.6472, 73.2469, 72.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4304, 76.8406, 64.3646 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, 239, 197)` looks like.

```
.text, #text, p{  
    color:rgb(191, 239, 197)  
}
```

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, 239, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 239, 197) }
```

Border

The CSS property to change the border of an element to XYZ 62.4304, 76.8406, 64.3646 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, 239, 197) }
```


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

```
.border{ border-color:rgb(191, 239, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 239, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 239, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 239, 197); box-shadow:4px 4px 4px 4px rgb(191, 239, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4304, 76.8406, 64.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 239, 197) }
```

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

```
.background{ background-color: rgb(191,  
239, 197) }
```

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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