

Converting Colors

XYZ(63.6006, 78.7432, 63.0180)

Have a look what the booklet for
XYZ(63.6006, 78.7432, 63.0180)
contains.

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Color

**XYZ(63.7379, 78.8686,
62.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F2C2
RGB	194, 242, 194
RGB Percent	76%, 95%, 76%
CMY	0.2392, 0.0510, 0.2392
CMYK	0.20, 0.00, 0.20, 0.05
HSL	120°, 65%, 85%
HSV	120°, 20%, 95%
XYZ	63.7379, 78.8686, 62.9028
YIQ	222.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

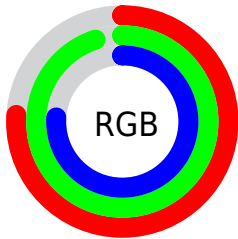
Format	Color
RYB	194, 242, 242
Decimal	12776130
CIELab	91.17, -24.31, 18.21
CIELCh	91, 30.379, 143.164
Yxy	78.8686, 0.3101, 0.3838
Android (android.graphics.Color)	4290966210 (0xFFC2F2C2)
YUV	222.1760, -13.8908, -24.7104
Hunter-Lab	88.8080, -27.3037, 20.1704

Details

The XYZ color **63.7379, 78.8686, 62.9028** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.9395, 63.8735, 92.5451**, and the grayscale version is **69.6590, 73.2867, 79.8092**.

A 20% lighter version of the original color is **92.9562, 98.9943, 105.4753**, and **33.1077, 42.5867, 31.2860** is the 20% darker color. If you saturate the color by 10%, you get **55.5252, 74.9260, 49.4677**, and if you desaturate by 10%, it is **73.4089, 83.5164, 78.7198**.

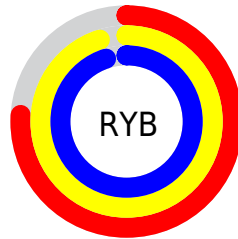
Distribution



Red (76%)

Green (95%)

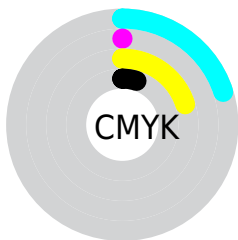
Blue (76%)



Red (76%)

Yellow (95%)

Blue (95%)

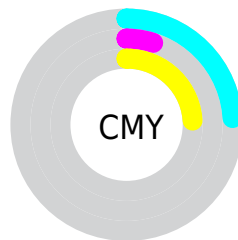


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (5%)



Cyan (24%)

Magenta (5%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7379, 78.8686, 62.9028 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 63.7379, 78.8686, 62.9028 by changing the saturation by 10% instead.

 63.7379, 78.8686,
62.9028

 63.7379, 78.8686,
62.9028


427.8598,
491.1117, 453.3149

 46.6993, 58.7878,
45.3221


 109.3092,
131.7739, 110.6135

 33.0050, 42.4423,
31.3664


138.5727,
165.3671, 141.5805

 22.2895, 29.4478,
20.6172


172.6418,
204.2332, 177.8468

 14.1876, 19.4198,
12.6560

211.8819,
248.7567, 219.8308

 8.3338, 11.9740,
7.0642

256.6584,
299.3219, 267.9510

 4.3629, 6.7260,
3.4232


307.3367,


 1.9094, 3.2913,


356.3132, 322.6261


1.3146


364.2820,
420.1150, 384.2745


 0.5823, 1.2857,
0.0737


 0.0000, 0.1301,
0.0000


 63.7379, 78.8686,
62.9028


 63.7379, 78.8686,
62.9028


 55.5252, 74.9260,
49.4677

 73.4089, 83.5164,
78.7198

 48.6942, 71.6447,
38.2943

 84.5975, 88.8909,
97.0206

 43.1708, 68.9915,
29.2599

 91.0436, 91.9873,
107.5645

 38.8718, 66.9265,
22.2279

■ 35.7039, 65.4048,
17.0461

■ 33.5607, 64.3753,
13.5406

■ 32.3159, 63.7774,
11.5043

■ 31.7608, 63.5107,
10.5963

■ 31.7537, 63.5073,
10.5846

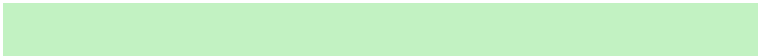
Harmonies

Analogous

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



69.2939, 78.8686, 52.5241



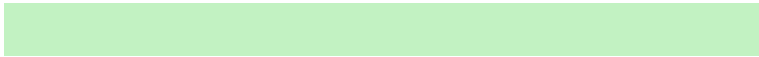
63.7379, 78.8686, 62.9028



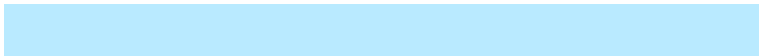
61.2164, 78.8686, 80.9315

Triad

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



63.7379, 78.8686, 62.9028



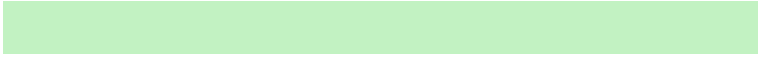
73.2158, 78.8686, 135.1656



89.3974, 78.8686, 70.2679

Complementary

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



63.7379, 78.8686, 62.9028



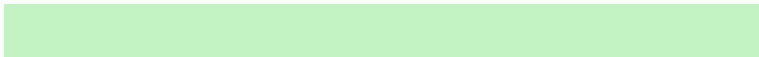
71.9395, 63.8735, 92.5451

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.



90.6256, 78.8686, 91.0148



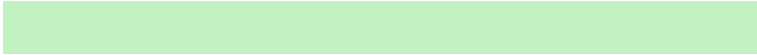
63.7379, 78.8686, 62.9028



80.9315, 78.8686, 130.9963

Square

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



63.7379, 78.8686, 62.9028



66.4410, 78.8686, 124.4291



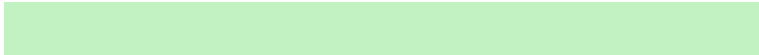
87.4325, 78.8686, 113.8517



84.1826, 78.8686, 56.2408

Rectangle

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



63.7379, 78.8686, 62.9028



61.4644, 78.8686, 95.8862



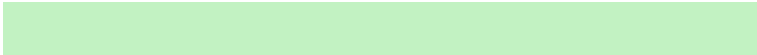
87.4325, 78.8686, 113.8517



90.3042, 78.8686, 76.5852

Sweetspot

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



63.7400, 78.8720, 62.9045



87.2771, 96.2663, 96.1860



78.1111, 86.2805, 63.5767



18.5080, 20.5219, 20.3049



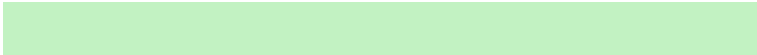
0.0000, 0.0000, 0.0000



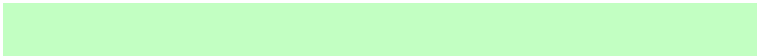
20.3446, 21.4041, 23.3091

Same Dimension

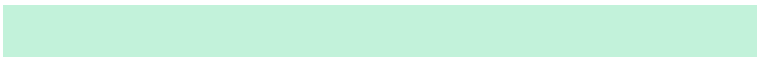
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.7400, 78.8720, 62.9045



67.6721, 86.8490, 64.1185



66.6575, 80.0389, 78.2678



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6859



1.4190, 2.8381, 0.4730

Inverse Universe

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



71.9395, 63.8735, 92.5451



78.5372, 66.9746, 103.3951



68.5671, 62.5245, 74.7865



16.4543, 16.0314, 19.9487



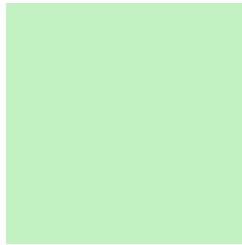
28.2811, 13.5849, 46.2582



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 63.7379, 78.8686, 62.9028 looks on a white background.

Color Contrast Check

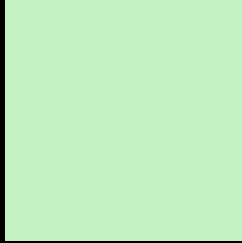
Large Text (above 18pt) WCAG AA × Fail

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 63.7379, 78.8686, 62.9028 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 63.7379, 78.8686, 62.9028

Background



This preview shows how black text looks on a background with the XYZ color 63.7379, 78.8686, 62.9028.



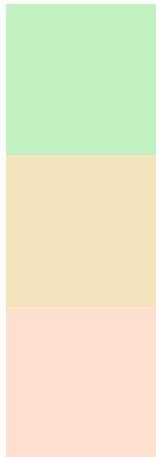
This preview shows how white text looks on a background with the XYZ color 63.7379, 78.8686,

62.9028.

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

63.7379, 78.8686, 62.9028

Protanopia

73.6069, 78.5037, 58.2869

Deuteranopia

78.7683, 78.4916, 69.3914



Tritanopia

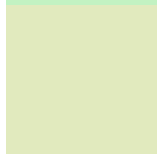
72.0543, 78.7749, 104.3359

Trichromacy



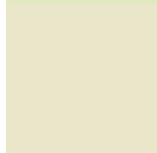
Original Color

63.7379, 78.8686, 62.9028



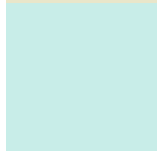
Protanomaly

69.7684, 78.5709, 60.2037



Deuteranomaly

72.5618, 78.1815, 67.1432



Tritanomaly

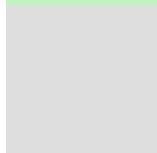
68.6691, 78.6739, 87.9103

Monochromacy



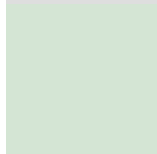
Original Color

63.7379, 78.8686, 62.9028



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

67.0544, 74.7891, 73.1890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7379, 78.8686, 62.9028 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, 242, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 242, 194)  
}
```

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, 242, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 242, 194) }
```

Border

The CSS property to change the border of an element to XYZ 63.7379, 78.8686, 62.9028 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, 242, 194) }
```


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

```
.border{ border-color:rgb(194, 242, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 242, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 242, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 242, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 242,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7379, 78.8686, 62.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 242, 194) }
```

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

```
.background{ background-color: rgb(194,  
242, 194) }
```

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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