

Converting Colors

XYZ(68.9060, 79.1204, 73.2680)

Have a look what the booklet for
XYZ(68.9060, 79.1204, 73.2680)
contains.

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Color

**XYZ(68.9060, 79.1204,
73.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EDD3
RGB	211, 237, 211
RGB Percent	83%, 93%, 83%
CMY	0.1725, 0.0706, 0.1725
CMYK	0.11, 0.00, 0.11, 0.07
HSL	120°, 42%, 88%
HSV	120°, 11%, 93%
XYZ	68.9060, 79.1204, 73.2680
YIQ	226.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

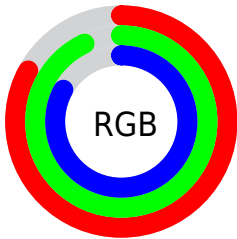
Format	Color
RYB	211, 237, 237
Decimal	13888979
CIELab	91.29, -13.28, 9.72
CIELCh	91, 16.460, 143.801
Yxy	79.1204, 0.3114, 0.3575
Android (android.graphics.Color)	4292079059 (0xFFD3EDD3)
YUV	226.2620, -7.5242, -13.3848
Hunter-Lab	88.9496, -17.3845, 13.4275

Details

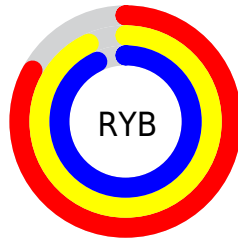
The XYZ color **68.9060, 79.1204, 73.2680** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.5082, 70.7093, 89.8985**, and the grayscale version is **72.5366, 76.3141, 83.1061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2349, 42.5160, 37.7491** is the 20% darker color. If you saturate the color by 10%, you get **59.8549, 74.7750, 58.4615**, and if you desaturate by 10%, it is **79.4007, 84.1639, 90.4320**.

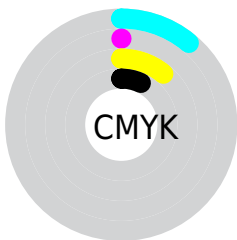
Distribution



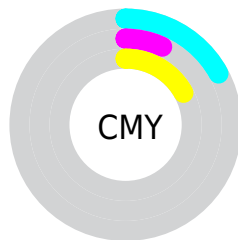
- Red (83%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9060, 79.1204, 73.2680 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 68.9060, 79.1204, 73.2680 by changing the saturation by 10% instead.

68.9060, 79.1204,
73.2680

68.9060, 79.1204,
73.2680

446.0259,
491.9636, 491.0388

50.9115, 58.9948,
53.7020

116.6821,
132.1283, 125.5820

36.3590, 42.6089,
37.9719

147.1945,
165.7795, 159.1671

24.8829, 29.5784,
25.6592

182.6101,
204.7079, 198.2623

16.1181, 19.5188,
16.3454

223.2945,
249.2981, 243.2862

9.6992, 12.0458,
9.6119

269.6129,
299.9343, 294.6572

5.2607, 6.7748,
5.0402

321.9307,

2.4373, 3.3217,

357.0011, 352.7940

2.2117

380.6133,
420.8827, 418.1150

■ 0.8638, 1.3019,
0.6811

■ 0.0000, 0.1427,
0.0000

■ 68.9060, 79.1204,
73.2680

■ 68.9060, 79.1204,
73.2680

■ 59.8549, 74.7750,
58.4615

■ 79.4007, 84.1639,
90.4320

■ 52.1781, 71.0875,
45.9047

■ 89.5757, 89.0515,
107.0752

■ 45.8104, 68.0287,
35.4892

■ 40.6788, 65.5638,
27.0955

■ 36.7031, 63.6540,
20.5924

■ 33.7937, 62.2565,
15.8335

■ 31.8478, 61.3218,
12.6505

■ 30.7426, 60.7909,
10.8426

■ 30.2858, 60.5715,
10.0954

Harmonies

Analogous

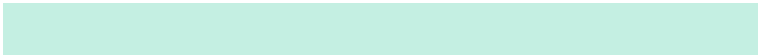
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0073, 79.1204, 66.7740



68.9060, 79.1204, 73.2680



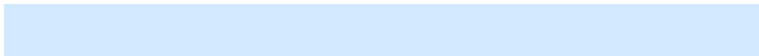
67.4977, 79.1204, 83.6891

Triad

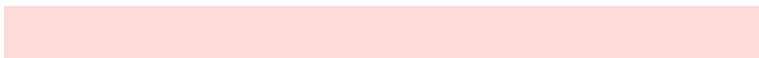
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.9060, 79.1204, 73.2680



74.3378, 79.1204, 111.0934



82.7904, 79.1204, 77.1972

Complementary

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



68.9060, 79.1204, 73.2680



73.5082, 70.7093, 89.8985

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.



83.4703, 79.1204, 88.6559



68.9060, 79.1204, 73.2680



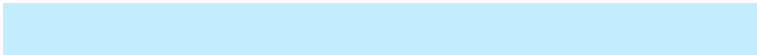
78.4889, 79.1204, 108.9495

Square

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



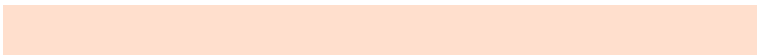
68.9060, 79.1204, 73.2680



70.5581, 79.1204, 106.0711



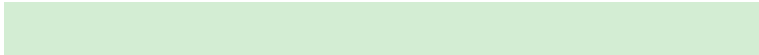
81.8694, 79.1204, 100.4569



80.0444, 79.1204, 68.8914

Rectangle

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



68.9060, 79.1204, 73.2680



67.6699, 79.1204, 91.7519



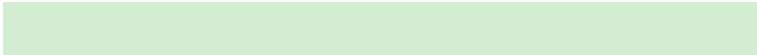
81.8694, 79.1204, 100.4569



83.2723, 79.1204, 80.7784

Sweetspot

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



68.9082, 79.1238, 73.2697



91.0839, 98.0949, 102.4128



76.9706, 83.2801, 73.6468



19.2746, 20.8901, 21.5589



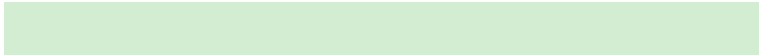
0.0000, 0.0000, 0.0000



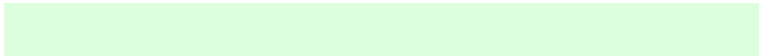
20.3446, 21.4041, 23.3091

Same Dimension

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



68.9082, 79.1238, 73.2697



79.0031, 92.2918, 82.6525



70.6051, 79.8025, 82.2055



14.8684, 16.8622, 15.9899



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



73.5082, 70.7093, 89.8985



85.3714, 80.6429, 105.6734



71.6764, 69.9766, 80.2525



15.7149, 15.3138, 19.0498



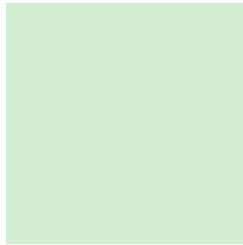
27.4131, 13.1679, 44.8382



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 68.9060, 79.1204, 73.2680 looks on a white background.

Color Contrast Check

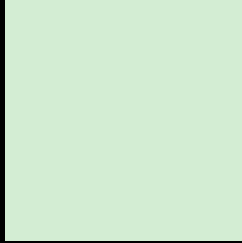
Large Text (above 18pt) WCAG AA × Fail

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 68.9060, 79.1204, 73.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

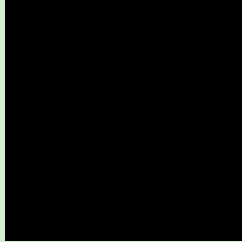
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

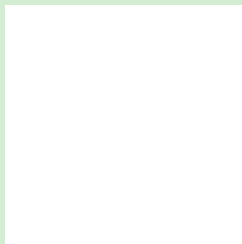
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9060, 79.1204, 73.2680

Background



This preview shows how black text looks on a background with the XYZ color 68.9060, 79.1204, 73.2680.



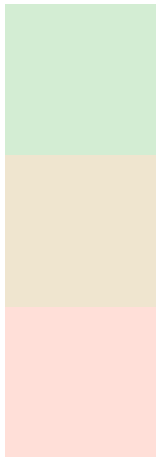
This preview shows how white text looks on a background with the XYZ color 68.9060, 79.1204,

73.2680.

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

68.9060, 79.1204, 73.2680

Protanopia

74.8784, 78.8943, 70.3131

Deuteranopia

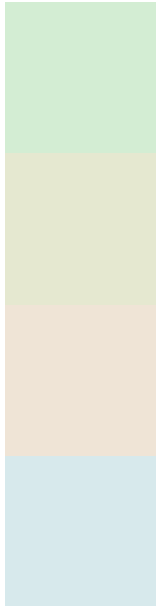
80.0223, 78.9932, 75.9953



Tritanopia

74.4465, 78.8057, 101.7297

Trichromacy



Original Color

68.9060, 79.1204, 73.2680

Protanomaly

72.5549, 78.9253, 71.0846

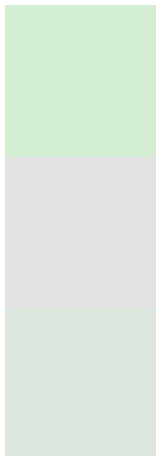
Deuteranomaly

75.4776, 78.6926, 74.8294

Tritanomaly

72.3036, 78.7810, 90.7523

Monochromacy



Original Color

68.9060, 79.1204, 73.2680

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.1668, 77.1862, 79.5542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9060, 79.1204, 73.2680 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(211, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 211)  
}
```

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(211, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.9060, 79.1204, 73.2680 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(211, 237, 211) }
```


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

```
.border{ border-color:rgb(211, 237, 211) }
```

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

Here you see how a box with a 4 pixel rgb(211, 237, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9060, 79.1204, 73.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 211) }
```

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

```
.background{ background-color: rgb(211,  
237, 211) }
```

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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