

Converting Colors

XYZ(68.9111, 79.3725, 62.0931)

Have a look what the booklet for
XYZ(68.9111, 79.3725, 62.0931)
contains.

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Color

**XYZ(68.8233, 79.3241,
62.1358)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEDC1
RGB	218, 237, 193
RGB Percent	85%, 93%, 76%
CMY	0.1451, 0.0706, 0.2431
CMYK	0.08, 0.00, 0.19, 0.07
HSL	86°, 55%, 84%
HSV	86°, 19%, 93%
XYZ	68.8233, 79.3241, 62.1358
YIQ	226.3030, 2.8000, -17.7120

Conversions

Conversions Part 2

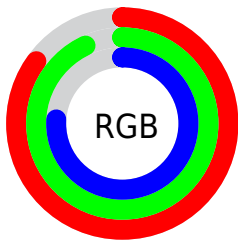
Format	Color
RYB	193, 237, 212
Decimal	14347713
CIELab	91.38, -13.86, 19.25
CIELCh	91, 23.718, 125.755
Yxy	79.3241, 0.3273, 0.3772
Android (android.graphics.Color)	4292537793 (0xFFDAEDC1)
YUV	226.3030, -16.4184, -7.2817
Hunter-Lab	89.0641, -17.9282, 20.9810

Details

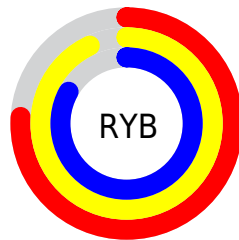
The XYZ color **68.8233, 79.3241, 62.1358** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.5106, 58.2536, 88.1272**, and the grayscale version is **72.6236, 76.4056, 83.2057**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **36.2883, 42.6984, 30.7551** is the 20% darker color. If you saturate the color by 10%, you get **63.4220, 76.8234, 49.1704**, and if you desaturate by 10%, it is **74.8417, 82.0987, 77.3450**.

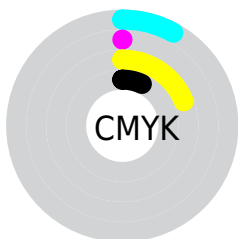
Distribution



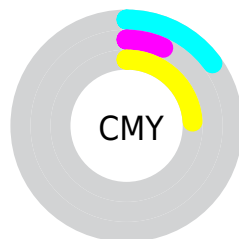
- Red (85%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8233, 79.3241, 62.1358 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 68.8233, 79.3241, 62.1358 by changing the saturation by 10% instead.

68.8233, 79.3241,
62.1358

68.8233, 79.3241,
62.1358

445.7386,
492.6521, 450.4476

50.8439, 59.1623,
44.7059

116.5646,
132.4150, 109.4953

36.3050, 42.7438,
30.8846

147.0573,
166.1130, 140.2620

24.8410, 29.6841,
20.2533

182.4517,
205.0917, 176.3114

16.0867, 19.5990,
12.3934

223.1134,
249.7358, 218.0620

9.6768, 12.1039,
6.8864

269.4075,
300.4294, 265.9324

5.2458, 6.8145,
3.3138

321.6995,

2.4284, 3.3463,

357.5571, 320.3411

1.2570

380.3548,
421.5032, 381.7066

■ 0.8593, 1.3151,
0.0262

■ 0.0000, 0.1529,
0.0000

■ 68.8233, 79.3241,
62.1358

■ 68.8233, 79.3241,
62.1358

■ 63.4220, 76.8234,
49.1704

■ 74.8417, 82.0987,
77.3450

■ 58.6078, 74.5764,
38.3374

■ 81.4929, 85.1460,
94.8921

■ 54.3577, 72.5761,
29.5236

■ 87.2991, 87.8779,
106.9687

■ 50.6443, 70.8110,
22.6035

■ 89.5758, 89.0516,
107.0753

■ 47.4373, 69.2688,
17.4371

■ 44.7027, 67.9353,
13.8655

■ 42.4009, 66.7942,
11.7007

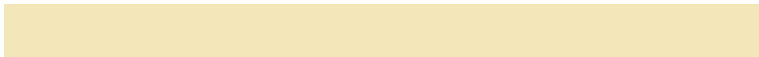
■ 40.4761, 65.8228,
10.6693

■ 40.2205, 65.6932,
10.5602

Harmonies

Analogous

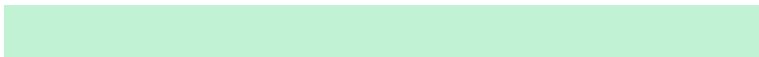
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2389, 79.3241, 57.3740



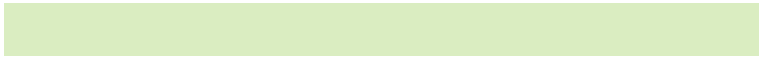
68.8233, 79.3241, 62.1358



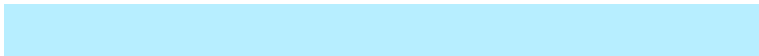
65.3130, 79.3241, 73.4440

Triad

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



68.8233, 79.3241, 62.1358



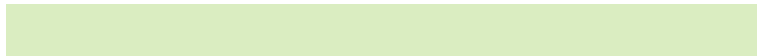
70.7351, 79.3241, 120.3104



87.5253, 79.3241, 83.0844

Complementary

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



68.8233, 79.3241, 62.1358



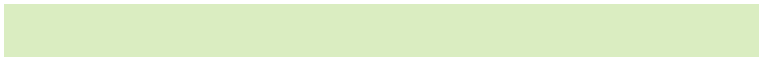
61.5106, 58.2536, 88.1272

Split Complementary

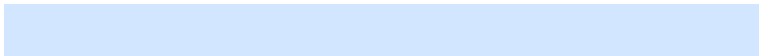
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4650, 79.3241, 100.7311



68.8233, 79.3241, 62.1358



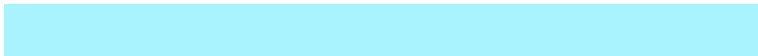
76.5634, 79.3241, 123.7865

Square

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



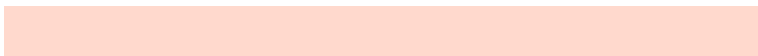
68.8233, 79.3241, 62.1358



66.3749, 79.3241, 107.2550



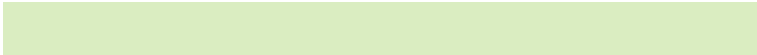
82.3726, 79.3241, 116.2063



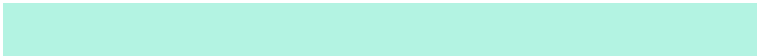
85.1978, 79.3241, 68.3898

Rectangle

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



68.8233, 79.3241, 62.1358



64.4170, 79.3241, 83.9366



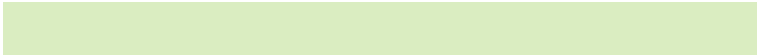
82.3726, 79.3241, 116.2063



87.5548, 79.3241, 88.8509

Sweetspot

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



68.8254, 79.3276, 62.1375



90.2942, 97.8217, 96.3271



67.9308, 68.6119, 60.1163



19.2194, 20.8887, 20.3382



0.0000, 0.0000, 0.0000



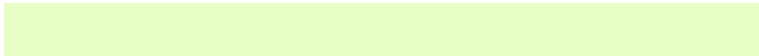
20.3446, 21.4041, 23.3091

Same Dimension

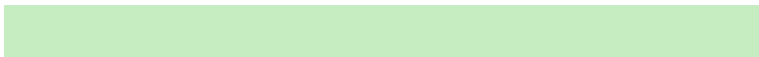
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8254, 79.3276, 62.1375



78.9383, 92.5897, 67.6831



62.8510, 76.2477, 61.8579



15.6874, 17.2844, 16.0281



22.1111, 35.9432, 5.7723



1.8461, 2.8791, 0.4584

Inverse Universe

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



61.5106, 58.2536, 88.1272



68.9216, 63.7293, 103.2762



68.0722, 61.6363, 88.4343



14.8482, 14.8670, 19.0093



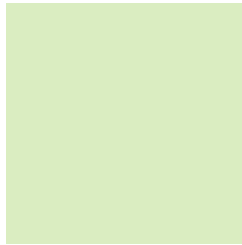
11.5034, 4.9661, 44.0952



1.0116, 0.4458, 3.4676

Previews

White Background



This preview shows how the XYZ color 68.8233, 79.3241, 62.1358 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 68.8233, 79.3241, 62.1358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

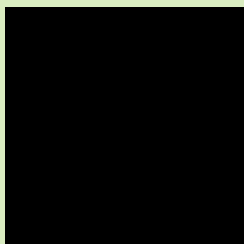
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

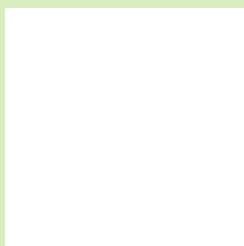
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.8233, 79.3241, 62.1358

Background



This preview shows how black text looks on a background with the XYZ color 68.8233, 79.3241, 62.1358.

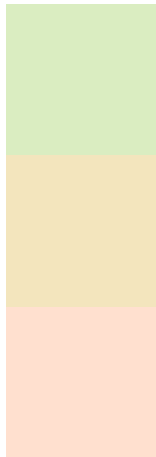


This preview shows how white text looks on a background with the XYZ color 68.8233, 79.3241,

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

68.8233, 79.3241, 62.1358

Protanopia

74.1668, 78.7674, 59.4387

Deuteranopia

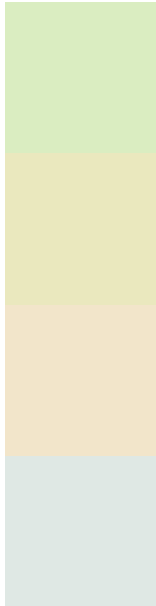
79.1581, 79.0763, 70.1227



Tritanopia

76.3266, 78.9847, 100.0297

Trichromacy



Original Color

68.8233, 79.3241, 62.1358

Protanomaly

72.0826, 78.9234, 60.1498

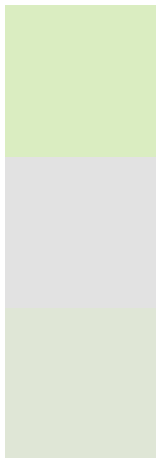
Deuteranomaly

75.2979, 79.1801, 67.1918

Tritanomaly

73.2916, 79.0026, 84.7849

Monochromacy



Original Color

68.8233, 79.3241, 62.1358

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.8658, 77.1366, 74.7722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8233, 79.3241, 62.1358 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(218, 237, 193)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 193)  
}
```

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(218, 237, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 193) }
```

Border

The CSS property to change the border of an element to XYZ 68.8233, 79.3241, 62.1358 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(218, 237, 193) }
```


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

```
.border{ border-color:rgb(218, 237, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 237, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 193);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8233, 79.3241, 62.1358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 193) }
```

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

```
.background{ background-color: rgb(218,  
237, 193) }
```

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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