

Converting Colors

XYZ(68.3391, 79.6123, 62.3037)

Have a look what the booklet for
XYZ(68.3391, 79.6123, 62.3037)
contains.

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Color

**XYZ(68.2245, 79.4464,
62.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EEC1
RGB	215, 238, 193
RGB Percent	84%, 93%, 76%
CMY	0.1569, 0.0666, 0.2431
CMYK	0.10, 0.00, 0.19, 0.07
HSL	91°, 57%, 85%
HSV	91°, 19%, 93%
XYZ	68.2245, 79.4464, 62.1910
YIQ	225.9930, 0.7370, -18.8710

Conversions

Conversions Part 2

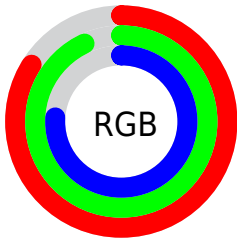
Format	Color
RYB	193, 238, 216
Decimal	14151361
CIELab	91.44, -15.40, 19.29
CIELCh	91, 24.688, 128.601
Yxy	79.4464, 0.3251, 0.3786
Android (android.graphics.Color)	4292341441 (0xFFD7EEC1)
YUV	225.9930, -16.2655, -9.6409
Hunter-Lab	89.1327, -19.3537, 21.0242

Details

The XYZ color **68.2245, 79.4464, 62.1910** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.8247, 58.9142, 88.9535**, and the grayscale version is **72.3990, 76.1694, 82.9485**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **35.8854, 42.7936, 30.7947** is the 20% darker color. If you saturate the color by 10%, you get **62.3401, 76.6977, 49.1539**, and if you desaturate by 10%, it is **74.8062, 82.5099, 77.4944**.

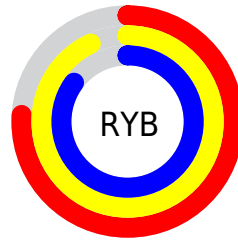
Distribution



Red (84%)

Green (93%)

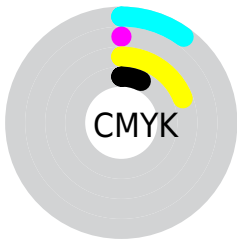
Blue (76%)



Red (76%)

Yellow (93%)

Blue (85%)

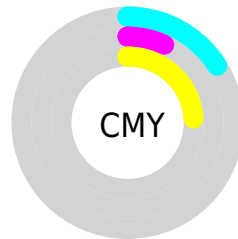


Cyan (10%)

Magenta (0%)

Yellow (19%)

Black (7%)



Cyan (16%)

Magenta (7%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2245, 79.4464, 62.1910 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 68.2245, 79.4464, 62.1910 by changing the saturation by 10% instead.

68.2245, 79.4464,
62.1910

68.2245, 79.4464,
62.1910

443.6553,
493.0652, 450.6543

50.3547, 59.2629,
44.7503

115.7134,
132.5871, 109.5758

35.9143, 42.8248,
30.9192

146.0632,
166.3131, 140.3570

24.5378, 29.7477,
20.2794

181.3038,
205.3221, 176.4220

15.8599, 19.6471,
12.4122

221.8005,
249.9984, 218.1894

9.5153, 12.1388,
6.8991

267.9186,
300.7265, 266.0779

5.1386, 6.8383,
3.3216

320.0236,

2.3644, 3.3612,

357.8907, 320.5058

1.2611

378.4807,
421.8755, 381.8918

■ 0.8273, 1.3231,
0.0296

■ 0.0000, 0.1590,
0.0000

■ 68.2245, 79.4464,
62.1910

■ 68.2245, 79.4464,
62.1910

■ 62.3401, 76.6977,
49.1539

■ 74.8062, 82.5099,
77.4944

■ 57.1205, 74.2424,
38.2701

■ 82.1034, 85.8883,
95.1594

■ 52.5398, 72.0720,
29.4250

■ 88.5901, 88.9744,
107.1123

■ 48.5677, 70.1737,
22.4909

■ 89.8661, 89.6323,
107.1720

■ 45.1709, 68.5334,
17.3260

■ 42.3121, 67.1354,
13.7685

■ 39.9480, 65.9616,
11.6272

■ 38.0170, 64.9865,
10.6146

■ 37.8243, 64.8888,
10.5313

Harmonies

Analogous

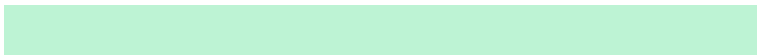
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7196, 79.4464, 56.6139



68.2245, 79.4464, 62.1910



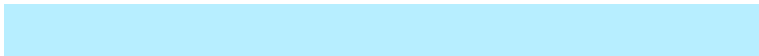
64.8159, 79.4464, 74.4879

Triad

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



68.2245, 79.4464, 62.1910



71.1902, 79.4464, 122.8681



88.0930, 79.4464, 81.4333

Complementary

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



68.2245, 79.4464, 62.1910



62.8247, 58.9142, 88.9535

Split Complementary

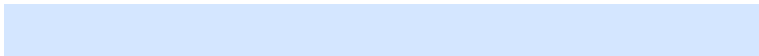
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3232, 79.4464, 99.7467



68.2245, 79.4464, 62.1910



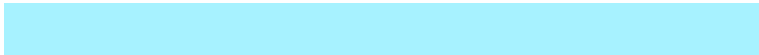
77.3320, 79.4464, 125.4067

Square

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



68.2245, 79.4464, 62.1910



66.4610, 79.4464, 109.9267



83.2996, 79.4464, 116.4471



85.3483, 79.4464, 66.6693

Rectangle

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



68.2245, 79.4464, 62.1910



64.0701, 79.4464, 85.6621



83.2996, 79.4464, 116.4471



88.2396, 79.4464, 87.3507

Sweetspot

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



68.2266, 79.4498, 62.1927



89.8646, 97.6002, 96.3070



69.3166, 70.8863, 60.4823



19.1179, 20.8363, 20.3334



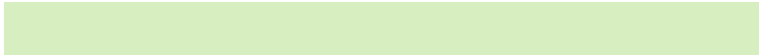
0.0000, 0.0000, 0.0000



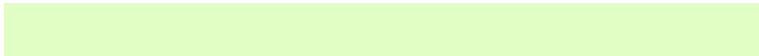
20.3446, 21.4041, 23.3091

Same Dimension

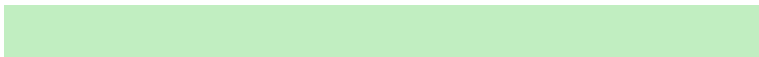
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.2266, 79.4498, 62.1927



76.8211, 91.5322, 66.0522



62.1949, 76.3404, 61.9104



16.3016, 18.0356, 16.7718



21.2495, 36.2761, 5.8820



1.8823, 3.0769, 0.4947

Inverse Universe

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



62.8247, 58.9142, 88.9535



69.3367, 63.0802, 103.1290



69.7656, 62.4923, 89.2784



15.6677, 15.6259, 19.9119



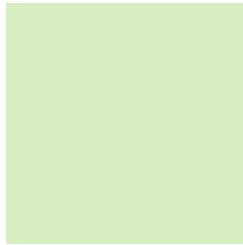
13.2108, 5.8158, 45.5541



1.2139, 0.5430, 3.7951

Previews

White Background



This preview shows how the XYZ color 68.2245, 79.4464, 62.1910 looks on a white background.

Color Contrast Check

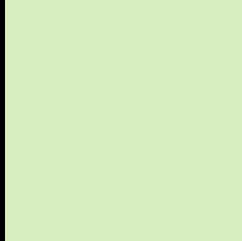
Large Text (above 18pt) WCAG AA × Fail

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 68.2245, 79.4464, 62.1910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

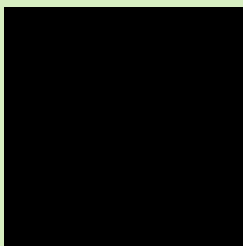
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

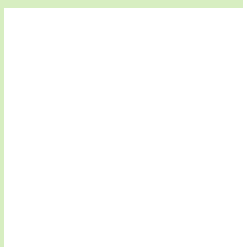
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2245, 79.4464, 62.1910

Background



This preview shows how black text looks on a background with the XYZ color 68.2245, 79.4464, 62.1910.

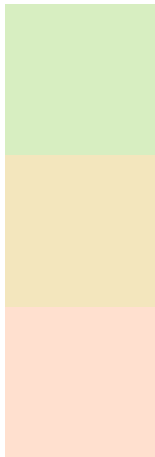


This preview shows how white text looks on a background with the XYZ color 68.2245, 79.4464,

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

68.2245, 79.4464, 62.1910

Protanopia

74.4443, 79.3224, 59.5312

Deuteranopia

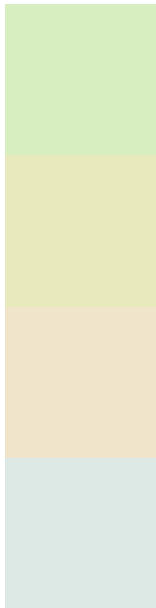
79.1581, 79.0763, 70.1227



Tritanopia

75.8271, 79.1212, 100.8979

Trichromacy



Original Color

68.2245, 79.4464, 62.1910

Protanomaly

72.0374, 79.3192, 60.2285

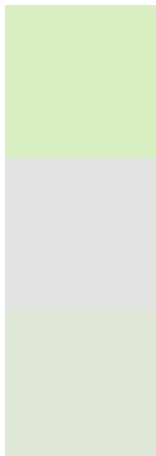
Deuteranomaly

74.6152, 78.8282, 67.1598

Tritanomaly

72.7970, 79.1506, 85.5695

Monochromacy



Original Color

68.2245, 79.4464, 62.1910

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.5586, 76.9783, 74.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2245, 79.4464, 62.1910 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(215, 238, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 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(215, 238, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 193) }
```

Border

The CSS property to change the border of an element to XYZ 68.2245, 79.4464, 62.1910 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(215, 238, 193) }
```


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

```
.border{ border-color:rgb(215, 238, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2245, 79.4464, 62.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 193) }
```

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

```
.background{ background-color: rgb(215,  
238, 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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