

Converting Colors

XYZ(67.5669, 79.2534, 79.4793)

Have a look what the booklet for
XYZ(67.5669, 79.2534, 79.4793)
contains.

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Color

**XYZ(67.6042, 79.1797,
79.4302)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EFDC
RGB	200, 239, 220
RGB Percent	78%, 94%, 86%
CMY	0.2157, 0.0627, 0.1372
CMYK	0.16, 0.00, 0.08, 0.06
HSL	151°, 55%, 86%
HSV	151°, 16%, 94%
XYZ	67.6042, 79.1797, 79.4302
YIQ	225.1730, -17.1450, -14.1770

Conversions

Conversions Part 2

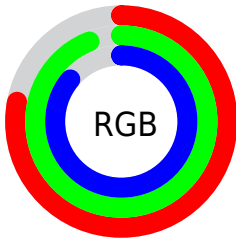
Format	Color
R _Y B	200, 226, 239
Decimal	13168604
CIE Lab	91.32, -16.24, 4.99
CIE LCh	91, 16.993, 162.939
Yxy	79.1797, 0.2989, 0.3500
Android (android.graphics.Color)	4291358684 (0xFFC8EFDC)
YUV	225.1730, -2.5503, -22.0767
Hunter-Lab	88.9830, -20.1061, 9.3632

Details

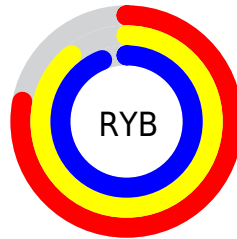
The XYZ color **67.6042, 79.1797, 79.4302** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.0399, 64.7758, 75.8856**, and the grayscale version is **71.7209, 75.4559, 82.1715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5791, 42.6946, 41.9630** is the 20% darker color. If you saturate the color by 10%, you get **60.2245, 75.5496, 71.3133**, and if you desaturate by 10%, it is **76.0936, 83.3738, 88.1633**.

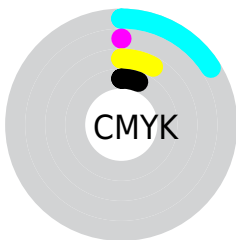
Distribution



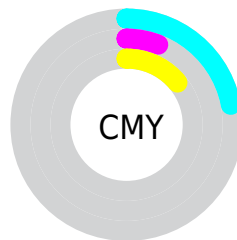
- Red (78%)
- Green (94%)
- Blue (86%)



- Red (78%)
- Yellow (89%)
- Blue (94%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (22%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6042, 79.1797, 79.4302 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 67.6042, 79.1797, 79.4302 by changing the saturation by 10% instead.

67.6042, 79.1797,
79.4302

67.6042, 79.1797,
79.4302

441.4911,
492.1641, 512.6665

49.8483, 59.0436,
58.7262

114.8308,
132.2118, 134.3685

35.5102, 42.6482,
41.9742

145.0321,
165.8766, 169.4398

24.2245, 29.6092,
28.7556

180.1127,
204.8197, 210.1373

15.6259, 19.5421,
18.6521

220.4379,
249.4255, 256.8796

9.3490, 12.0627,
11.2449

266.3729,
300.0785, 310.0851

5.0284, 6.7864,
6.1156


318.2833,


2.2989, 3.3289,


357.1630, 370.1724


2.8455


376.5342,
421.0634, 437.5600


 0.7941, 1.3057,
1.0163


 0.0000, 0.1456,
0.0000

 67.6042, 79.1797,
79.4302


 67.6042, 79.1797,
79.4302


 60.2245, 75.5496,
71.3133


 76.0936, 83.3738,
88.1633


 53.8996, 72.4488,
63.7936

 85.7313, 88.1452,
97.5203

 48.5794, 69.8541,
56.8588

 90.1478, 90.2119,
107.2156

 44.2072, 67.7365,
50.4941

 90.1580, 90.2160,
107.2693

■ 40.7204, 66.0640,
44.6840

■ 38.0482, 64.8004,
39.4123

■ 36.1084, 63.9035,
34.6616

■ 34.7986, 63.3210,
30.4129

■ 34.4154, 63.1550,
28.9696

Harmonies

Analogous

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



69.7482, 79.1797, 69.9668



67.6042, 79.1797, 79.4302



67.4605, 79.1797, 91.6418

Triad

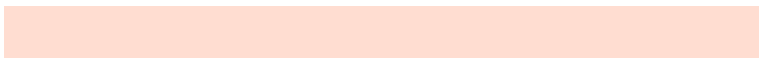
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6042, 79.1797, 79.4302



77.1303, 79.1797, 111.4973



81.4946, 79.1797, 71.0234

Complementary

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



67.6042, 79.1797, 79.4302



69.0399, 64.7758, 75.8856

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.



83.6342, 79.1797, 81.0034



67.6042, 79.1797, 79.4302



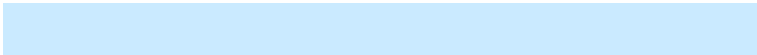
81.0504, 79.1797, 104.7980

Square

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



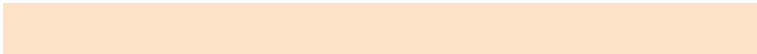
67.6042, 79.1797, 79.4302



72.8506, 79.1797, 110.9731



83.4686, 79.1797, 93.3718



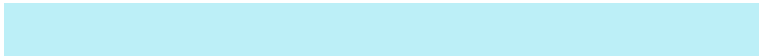
77.7177, 79.1797, 65.4407

Rectangle

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



67.6042, 79.1797, 79.4302



68.5096, 79.1797, 99.7845



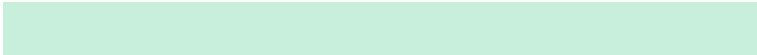
83.4686, 79.1797, 93.3718



82.4355, 79.1797, 73.9319

Sweetspot

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



67.6064, 79.1830, 79.4320



89.5296, 97.2678, 103.5050



70.6587, 81.0445, 66.5638



19.0028, 20.7401, 21.9952



0.0000, 0.0000, 0.0000



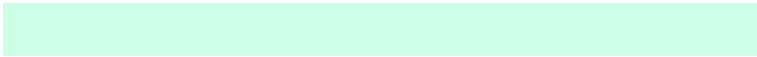
20.3446, 21.4041, 23.3091

Same Dimension

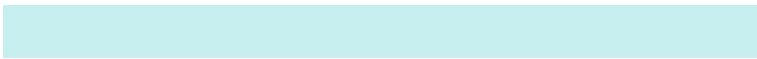
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6064, 79.1830, 79.4320



74.9661, 90.0791, 88.4104



70.2687, 80.2479, 93.4512



15.9042, 17.7917, 18.5187



19.0844, 34.9258, 16.3594



1.6379, 2.9256, 1.6257

Inverse Universe

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



69.0399, 64.7758, 75.8856



76.9546, 70.0944, 83.4915



66.6786, 63.8312, 63.4510



16.0937, 15.8872, 18.0498



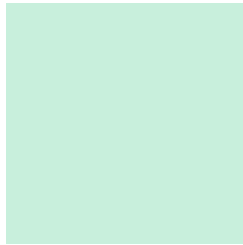
21.4938, 10.8699, 10.5169



1.8382, 0.9243, 1.1388

Previews

White Background



This preview shows how the XYZ color 67.6042, 79.1797, 79.4302 looks on a white background.

Color Contrast Check

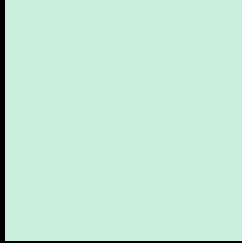
Large Text (above 18pt) WCAG AA × Fail

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 67.6042, 79.1797, 79.4302 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

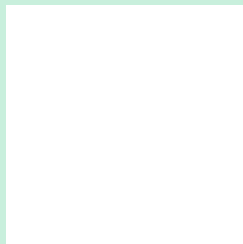
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6042, 79.1797, 79.4302

Background



This preview shows how black text looks on a background with the XYZ color 67.6042, 79.1797, 79.4302.



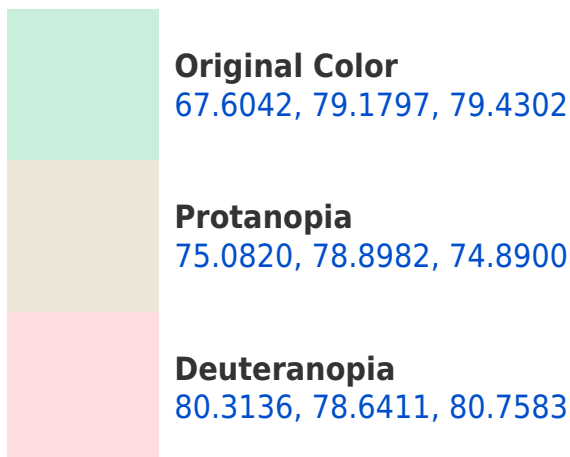
This preview shows how white text looks on a background with the XYZ color 67.6042, 79.1797,

79.4302.

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

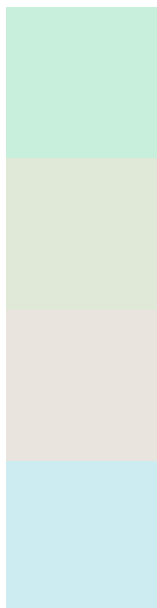




Tritanopia

72.6060, 79.0593, 104.3617

Trichromacy



Original Color

67.6042, 79.1797, 79.4302

Protanomaly

72.2741, 79.0830, 76.4210

Deuteranomaly

74.8599, 78.2532, 80.2661

Tritanomaly

70.7745, 79.1791, 94.7720

Monochromacy



Original Color

67.6042, 79.1797, 79.4302

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

69.9350, 76.5203, 80.8960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6042, 79.1797, 79.4302 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(200, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(200, 239, 220)  
}
```

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(200, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 239, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.6042, 79.1797, 79.4302 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(200, 239, 220) }
```


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

```
.border{ border-color:rgb(200, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(200, 239,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6042, 79.1797, 79.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 239, 220) }
```

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

```
.background{ background-color: rgb(200,  
239, 220) }
```

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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