

Converting Colors

XYZ(67.2221, 78.8698, 79.2637)

Have a look what the booklet for
XYZ(67.2221, 78.8698, 79.2637)
contains.

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Color

**XYZ(67.3380, 79.0424,
79.4178)**

Conversions

Conversions Part 1

Format	Color
Hex	C7EFDC
RGB	199, 239, 220
RGB Percent	78%, 94%, 86%
CMY	0.2196, 0.0627, 0.1372
CMYK	0.17, 0.00, 0.08, 0.06
HSL	151°, 56%, 86%
HSV	151°, 17%, 94%
XYZ	67.3380, 79.0424, 79.4178
YIQ	224.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

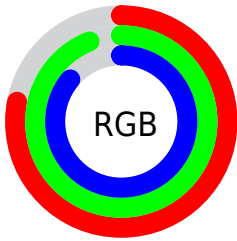
Format	Color
RYB	199, 225, 239
Decimal	13103068
CIELab	91.25, -16.56, 4.89
CIELCh	91, 17.270, 163.559
Yxy	79.0424, 0.2982, 0.3501
Android (android.graphics.Color)	4291293148 (0xFFC7EFDC)
YUV	224.8740, -2.4029, -22.6915
Hunter-Lab	88.9058, -20.3877, 9.2715

Details

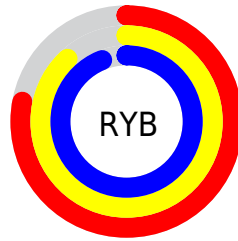
The XYZ color **67.3380, 79.0424, 79.4178** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.6778, 64.2616, 75.1173**, and the grayscale version is **71.5052, 75.2290, 81.9244**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4021, 42.6033, 41.9547** is the 20% darker color. If you saturate the color by 10%, you get **60.0350, 75.4477, 71.4921**, and if you desaturate by 10%, it is **75.7435, 83.1981, 87.9316**.

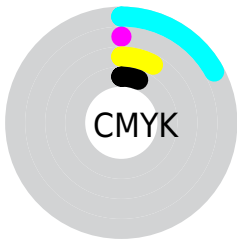
Distribution



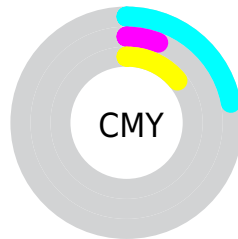
- Red (78%)
- Green (94%)
- Blue (86%)



- Red (78%)
- Yellow (88%)
- Blue (94%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3380, 79.0424, 79.4178 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 67.3380, 79.0424, 79.4178 by changing the saturation by 10% instead.

67.3380, 79.0424,
79.4178

67.3380, 79.0424,
79.4178

440.5605,
491.6998, 512.6235

49.6311, 58.9307,
58.7160

114.4517,
132.0186, 134.3509

35.3369, 42.5573,
41.9661

144.5892,
165.6518, 169.4193

24.0903, 29.5379,
28.7493

179.6010,
204.5609, 210.1136

15.5257, 19.4881,
18.6473

219.8523,
249.1304, 256.8524

9.2779, 12.0235,
11.2415

265.7085,
299.7447, 310.0543

4.9814, 6.7597,
6.1133

317.5351,

2.2710, 3.3123,

356.7880, 370.1378

2.8442

375.6973,
420.6449, 437.5213

■ 0.7798, 1.2969,
1.0156

■ 0.0000, 0.1388,
0.0000

■ 67.3380, 79.0424,
79.4178

■ 67.3380, 79.0424,
79.4178

■ 60.0350, 75.4477,
71.4921

■ 75.7435, 83.1981,
87.9316

■ 53.7796, 72.3792,
64.1364

■ 85.2901, 87.9278,
97.0406

■ 48.5218, 69.8137,
57.3392

■ 90.0075, 90.1557,
106.4769

■ 44.2048, 67.7221,
51.0868

■ 90.1580, 90.2159,
107.2693

■ 40.7659, 66.0724,
45.3645

■ 38.1341, 64.8282,
40.1571

■ 36.2268, 63.9472,
35.4482

■ 34.9394, 63.3758,
31.2199

■ 34.5995, 63.2285,
29.9396

Harmonies

Analogous

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



69.4736, 79.0424, 69.7457



67.3380, 79.0424, 79.4178



67.2361, 79.0424, 91.8416

Triad

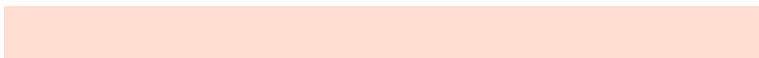
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3380, 79.0424, 79.4178



77.1187, 79.0424, 111.6973



81.3955, 79.0424, 70.4939

Complementary

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



67.3380, 79.0424, 79.4178



68.6778, 64.2616, 75.1173

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.



83.6132, 79.0424, 80.5335



67.3380, 79.0424, 79.4178



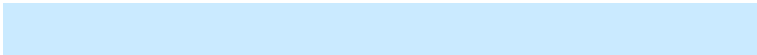
81.0800, 79.0424, 104.7470

Square

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



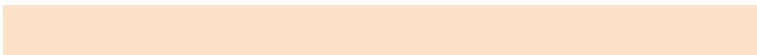
67.3380, 79.0424, 79.4178



72.7695, 79.0424, 111.3242



83.4955, 79.0424, 93.0705



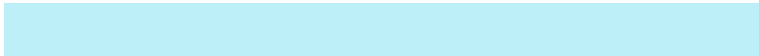
77.5357, 79.0424, 64.9464

Rectangle

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



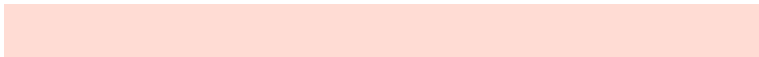
67.3380, 79.0424, 79.4178



68.3274, 79.0424, 100.0932



83.4955, 79.0424, 93.0705



82.3643, 79.0424, 73.4105

Sweetspot

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



67.3402, 79.0457, 79.4196



89.5538, 97.2775, 103.6325



70.1913, 80.8169, 65.9339



19.0087, 20.7424, 22.0262



0.0000, 0.0000, 0.0000



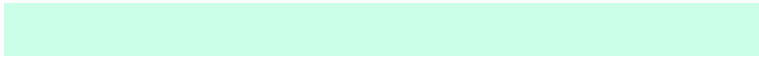
20.3446, 21.4041, 23.3091

Same Dimension

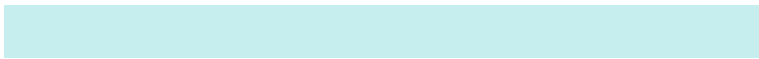
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.3402, 79.0457, 79.4196



75.0536, 90.1141, 88.8711



69.8076, 79.7209, 93.3736



15.9126, 17.7950, 18.5625



19.1865, 34.9666, 16.8967



1.6464, 2.9290, 1.6704

Inverse Universe

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



68.6778, 64.2616, 75.1173



76.8680, 70.0598, 83.0358



66.4850, 63.6305, 62.8119



16.0855, 15.8839, 18.0062



21.4007, 10.8327, 10.0266



1.8303, 0.9212, 1.0971

Previews

White Background



This preview shows how the XYZ color 67.3380, 79.0424, 79.4178 looks on a white background.

Color Contrast Check

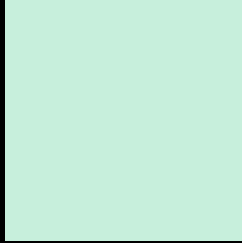
Large Text (above 18pt) WCAG AA × Fail

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 67.3380, 79.0424, 79.4178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

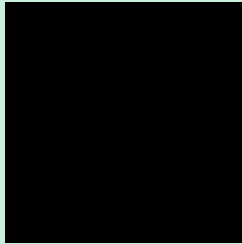
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

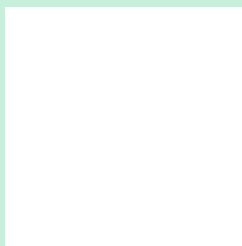
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3380, 79.0424, 79.4178

Background



This preview shows how black text looks on a background with the XYZ color 67.3380, 79.0424, 79.4178.



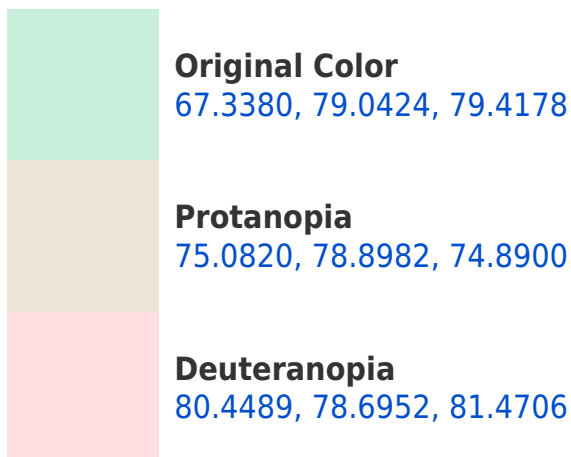
This preview shows how white text looks on a background with the XYZ color 67.3380, 79.0424,

79.4178.

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

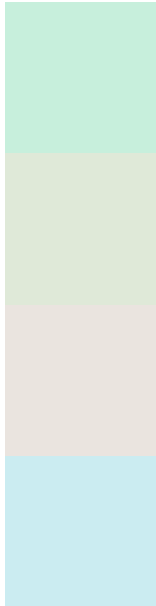




Tritanopia

72.3293, 78.9166, 104.3488

Trichromacy



Original Color

67.3380, 79.0424, 79.4178

Protanomaly

71.9650, 78.9237, 76.4066

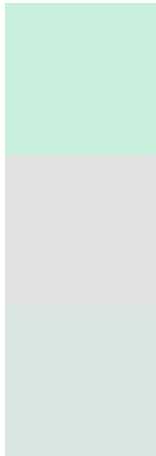
Deuteranomaly

74.9944, 78.3069, 80.9742

Tritanomaly

70.5012, 79.0383, 94.7592

Monochromacy



Original Color

67.3380, 79.0424, 79.4178

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 67.3380, 79.0424, 79.4178 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(199, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 239, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.3380, 79.0424, 79.4178 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(199, 239, 220) }
```


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

```
.border{ border-color:rgb(199, 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(199, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(199, 239,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3380, 79.0424, 79.4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 239, 220) }
```

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

```
.background{ background-color: rgb(199,  
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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