

Converting Colors

XYZ(71.0784, 79.2360, 79.9545)

Have a look what the booklet for
XYZ(71.0784, 79.2360, 79.9545)
contains.

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Color

**XYZ(71.0784, 79.2360,
79.9545)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D8EBDD |
| RGB | 216, 235, 221 |
| RGB Percent | 85%, 92%, 87% |
| CMY | 0.1529, 0.0784, 0.1333 |
| CMYK | 0.08, 0.00, 0.06, 0.08 |
| HSL | 136°, 32%, 88% |
| HSV | 136°, 8%, 92% |
| XYZ | 71.0784, 79.2360, 79.9545 |
| YIQ | 227.7230, -6.8300, -8.3820 |

Conversions

Conversions Part 2

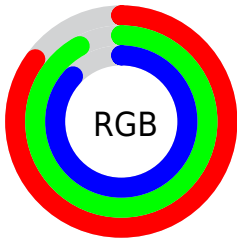
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 216, 231, 235 |
| Decimal | 14216157 |
| CIE Lab | 91.34, -8.84, 4.63 |
| CIE LCh | 91, 9.978, 152.325 |
| Yxy | 79.2360, 0.3087, 0.3441 |
| Android (android.graphics.Color) | 4292406237 (0xFFD8EBDD) |
| YUV | 227.7230, -3.3144, -10.2811 |
| Hunter-Lab | 89.0146, -13.2428, 9.0549 |

Details

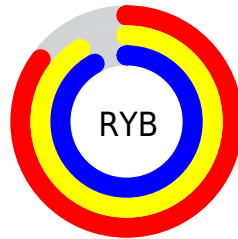
The XYZ color **71.0784, 79.2360, 79.9545** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.1026, 72.4891, 85.0056**, and the grayscale version is **73.5693, 77.4006, 84.2893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7010, 42.5704, 42.3063** is the 20% darker color. If you saturate the color by 10%, you get **62.4365, 75.0362, 68.1212**, and if you desaturate by 10%, it is **80.9558, 84.0497, 93.0913**.

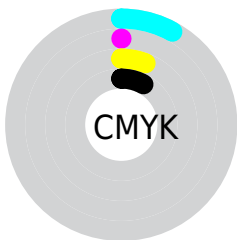
Distribution



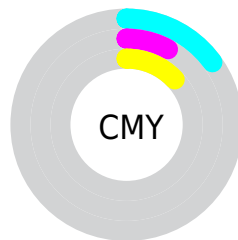
- Red (85%)
- Green (92%)
- Blue (87%)



- Red (85%)
- Yellow (91%)
- Blue (92%)



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



- Cyan (15%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0784, 79.2360, 79.9545 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 71.0784, 79.2360, 79.9545 by changing the saturation by 10% instead.

71.0784, 79.2360,
79.9545

71.0784, 79.2360,
79.9545

453.5350,
492.3544, 514.4822

52.6889, 59.0899,
59.1550

119.7633,
132.2910, 135.1126

37.7810, 42.6855,
42.3170

150.7894,
165.9688, 170.3082

25.9892, 29.6384,
29.0222

186.7584,
204.9258, 211.1396

16.9482, 19.5643,
18.8519

228.0357,
249.5465, 258.0253

10.2926, 12.0787,
11.3876

274.9867,
300.2153, 311.3839

5.6572, 6.7973,
6.2107

327.9767,

2.6764, 3.3357,

357.3166, 371.6339

2.9028

387.3710,
421.2349, 439.1938

■ 0.9851, 1.3094,
1.0452

■ 0.0000, 0.1485,
0.0000

■ 71.0784, 79.2360,
79.9545

■ 71.0784, 79.2360,
79.9545

■ 62.4365, 75.0362,
68.1212

■ 80.9558, 84.0497,
93.0913

■ 54.9742, 71.4155,
57.5465

■ 88.9998, 87.8996,
106.8833

■ 48.6413, 68.3514,
48.1902

■ 43.3814, 65.8154,
40.0084

■ 39.1330, 63.7770,
32.9542

■ 35.8280, 62.2021,
26.9778

■ 33.3900, 61.0523,
22.0256

■ 31.7293, 60.2828,
18.0390

■ 30.7245, 59.8320,
14.9527

Harmonies

Analogous

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



72.7360, 79.2360, 75.0121



71.0784, 79.2360, 79.9545



70.5473, 79.2360, 86.8419

Triad

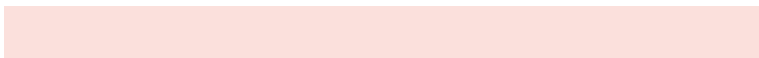
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0784, 79.2360, 79.9545



75.5093, 79.2360, 100.9816



79.5042, 79.2360, 79.0260

Complementary

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



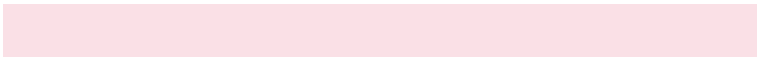
71.0784, 79.2360, 79.9545



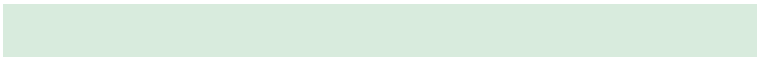
73.1026, 72.4891, 85.0056

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.



80.2854, 79.2360, 85.7096



71.0784, 79.2360, 79.9545



77.9470, 79.2360, 98.6114

Square

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



71.0784, 79.2360, 79.9545



73.0711, 79.2360, 99.2316



79.7093, 79.2360, 92.9191



77.5971, 79.2360, 74.4975

Rectangle

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



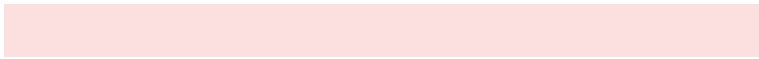
71.0784, 79.2360, 79.9545



70.8936, 79.2360, 91.6844



79.7093, 79.2360, 92.9191



79.9091, 79.2360, 81.0817

Sweetspot

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



71.0806, 79.2394, 79.9562



92.5993, 98.8058, 105.6578



74.8195, 81.2427, 76.7049



19.8457, 21.1610, 22.6492



0.0000, 0.0000, 0.0000



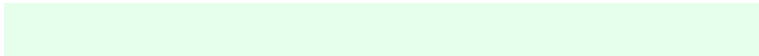
20.3446, 21.4041, 23.3091

Same Dimension

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



71.0806, 79.2394, 79.9562



83.4037, 94.3287, 93.3279



72.3479, 79.7463, 86.6297



15.0310, 16.9272, 16.8462



17.0601, 33.2785, 8.2814



1.3782, 2.6286, 0.8534

Inverse Universe

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



73.1026, 72.4891, 85.0056



86.3863, 84.3711, 100.7757



71.8372, 71.9829, 78.3418



15.5358, 15.2422, 18.1066



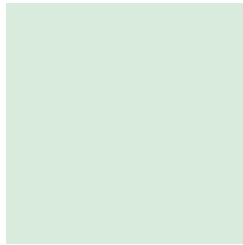
23.3300, 11.5347, 23.3371



1.8712, 0.9214, 2.0389

Previews

White Background



This preview shows how the XYZ color 71.0784, 79.2360, 79.9545 looks on a white background.

Color Contrast Check

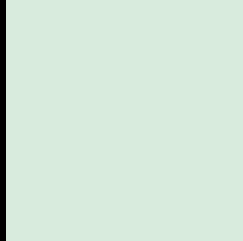
Large Text (above 18pt) WCAG AA × Fail

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 71.0784, 79.2360, 79.9545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

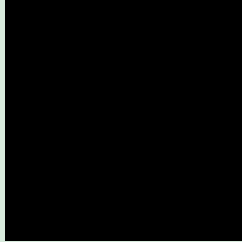
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

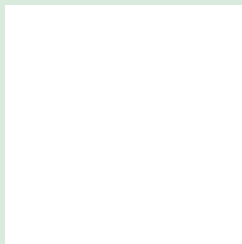
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0784, 79.2360, 79.9545

Background



This preview shows how black text looks on a background with the XYZ color 71.0784, 79.2360, 79.9545.



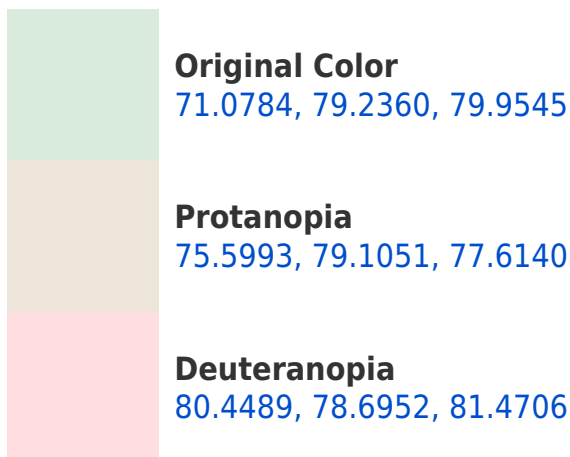
This preview shows how white text looks on a background with the XYZ color 71.0784, 79.2360,

79.9545.

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

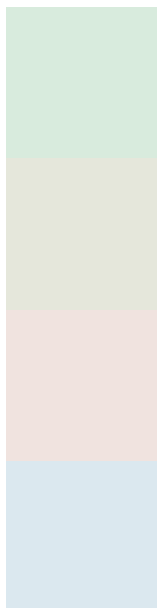




Tritanopia

75.4936, 79.3635, 100.9623

Trichromacy



Original Color

71.0784, 79.2360, 79.9545

Protanomaly

73.6752, 78.9243, 78.3687

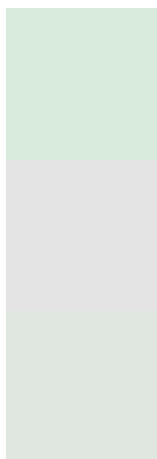
Deuteranomaly

76.7235, 78.7911, 80.9765

Tritanomaly

73.6500, 79.0053, 93.0291

Monochromacy



Original Color

71.0784, 79.2360, 79.9545

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.9070, 78.4354, 82.5311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0784, 79.2360, 79.9545 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(216, 235, 221)` looks like.

```
.text, #text, p{  
    color:rgb(216, 235, 221)  
}
```

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(216, 235, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 235, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.0784, 79.2360, 79.9545 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(216, 235, 221) }
```


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

```
.border{ border-color:rgb(216, 235, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 235, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 235, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 235, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 235,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0784, 79.2360, 79.9545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 235, 221) }
```

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

```
.background{ background-color: rgb(216,  
235, 221) }
```

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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