

Converting Colors

XYZ(70.4846, 78.6741, 79.4170)

Have a look what the booklet for
XYZ(70.4846, 78.6741, 79.4170)
contains.

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Color

**XYZ(70.3654, 78.4600,
79.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EADC
RGB	215, 234, 220
RGB Percent	84%, 92%, 86%
CMY	0.1569, 0.0823, 0.1372
CMYK	0.08, 0.00, 0.06, 0.08
HSL	136°, 31%, 88%
HSV	136°, 8%, 92%
XYZ	70.3654, 78.4600, 79.1458
YIQ	226.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

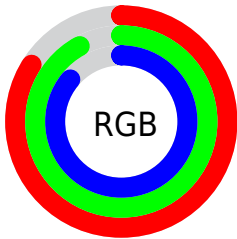
Format	Color
R _Y B	215, 230, 234
Decimal	14150364
CIE Lab	90.99, -8.84, 4.64
CIE LCh	91, 9.986, 152.323
Yxy	78.4600, 0.3087, 0.3442
Android (android.graphics.Color)	4292340444 (0xFFD7EADC)
YUV	226.7230, -3.3144, -10.2811
Hunter-Lab	88.5776, -13.2119, 9.0276

Details

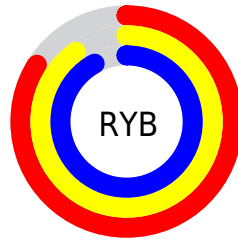
The XYZ color **70.3654, 78.4600, 79.1458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3778, 71.7524, 84.1673**, and the grayscale version is **72.8411, 76.6345, 83.4550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2091, 42.0310, 41.7490** is the 20% darker color. If you saturate the color by 10%, you get **61.8123, 74.3034, 67.4332**, and if you desaturate by 10%, it is **80.1413, 83.2242, 92.1487**.

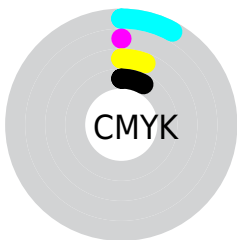
Distribution



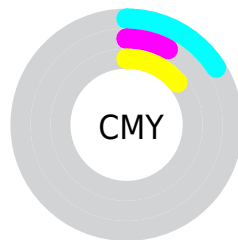
- Red (84%)
- Green (92%)
- Blue (86%)



- Red (84%)
- Yellow (90%)
- Blue (92%)



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



- Cyan (16%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3654, 78.4600, 79.1458 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 70.3654, 78.4600, 79.1458 by changing the saturation by 10% instead.

70.3654, 78.4600,
79.1458

70.3654, 78.4600,
79.1458

451.0784,
489.7276, 511.6801

52.1052, 58.4519,
58.4937

118.7531,
131.1984, 133.9646

37.3135, 42.1721,
41.7883

149.6113,
164.6975, 168.9684

25.6251, 29.2361,
28.6113

185.3995,
203.4624, 209.5931

16.6746, 19.2595,
18.5439

226.4831,
247.8775, 256.2574

10.0966, 11.8579,
11.1677

273.2274,
298.3271, 309.3796

5.5258, 6.6470,
6.0642

325.9979,

2.5969, 3.2423,

355.1958, 369.3785

2.8147

385.1597,
418.8678, 436.6725

■ 0.9444, 1.2595,
1.0008

■ 0.0000, 0.1095,
0.0000

■ 70.3654, 78.4600,
79.1458

■ 70.3654, 78.4600,
79.1458

■ 61.8123, 74.3034,
67.4332

■ 80.1413, 83.2242,
92.1487

■ 54.4269, 70.7201,
56.9662

■ 88.6321, 87.2957,
106.3550

■ 48.1594, 67.6875,
47.7053

■ 88.7143, 87.3286,
106.7881

■ 42.9538, 65.1778,
39.6068

■ 38.7493, 63.1605,
32.6245

■ 35.4786, 61.6019,
26.7090

■ 33.0659, 60.4642,
21.8072

■ 31.4227, 59.7027,
17.8611

■ 30.4280, 59.2565,
14.8063

Harmonies

Analogous

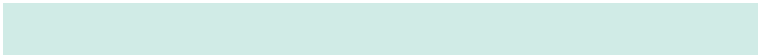
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0134, 78.4600, 74.2333



70.3654, 78.4600, 79.1458



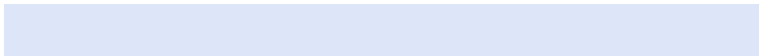
69.8373, 78.4600, 85.9932

Triad

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



70.3654, 78.4600, 79.1458



74.7704, 78.4600, 100.0560



78.7431, 78.4600, 78.2238

Complementary

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



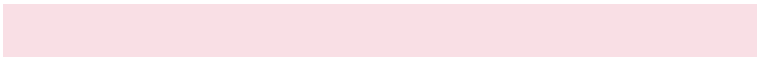
70.3654, 78.4600, 79.1458



72.3778, 71.7524, 84.1673

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.



79.5199, 78.4600, 84.8685



70.3654, 78.4600, 79.1458



77.1943, 78.4600, 97.6987

Square

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



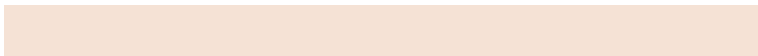
70.3654, 78.4600, 79.1458



72.3462, 78.4600, 98.3149



78.9469, 78.4600, 92.0375



76.8468, 78.4600, 73.7224

Rectangle

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



70.3654, 78.4600, 79.1458



70.1816, 78.4600, 90.8086



78.9469, 78.4600, 92.0375



79.1457, 78.4600, 80.2674

Sweetspot

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



70.3676, 78.4633, 79.1475



92.5993, 98.8058, 105.6578



74.0846, 80.4549, 75.9157



19.8457, 21.1610, 22.6492



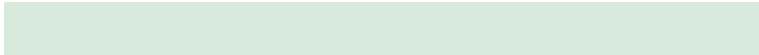
0.0000, 0.0000, 0.0000



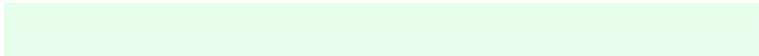
20.3446, 21.4041, 23.3091

Same Dimension

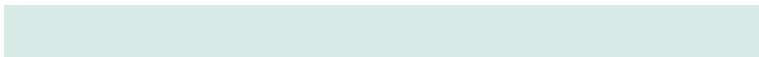
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3676, 78.4633, 79.1475



83.4037, 94.3287, 93.3280



71.6275, 78.9673, 85.7821



15.0310, 16.9272, 16.8463



17.0601, 33.2785, 8.2815



1.3782, 2.6286, 0.8534

Inverse Universe

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



72.3778, 71.7524, 84.1673



86.3863, 84.3711, 100.7756



71.1197, 71.2492, 77.5424



15.5358, 15.2422, 18.1066



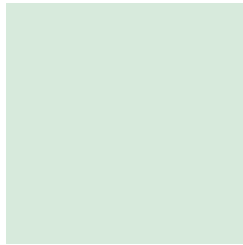
23.3300, 11.5347, 23.3368



1.8712, 0.9214, 2.0389

Previews

White Background



This preview shows how the XYZ color 70.3654, 78.4600, 79.1458 looks on a white background.

Color Contrast Check

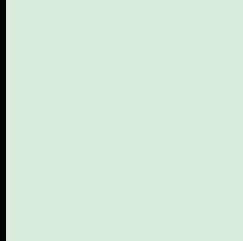
Large Text (above 18pt) WCAG AA × Fail

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 70.3654, 78.4600, 79.1458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

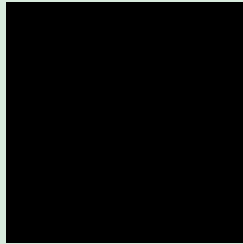
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

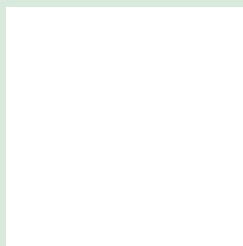
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3654, 78.4600, 79.1458

Background



This preview shows how black text looks on a background with the XYZ color 70.3654, 78.4600, 79.1458.



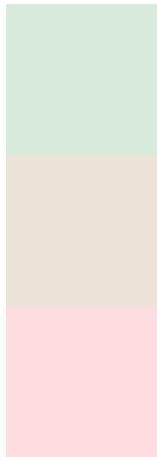
This preview shows how white text looks on a background with the XYZ color 70.3654, 78.4600,

79.1458.

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

70.3654, 78.4600, 79.1458

Protanopia

74.8599, 78.3294, 76.8192

Deuteranopia

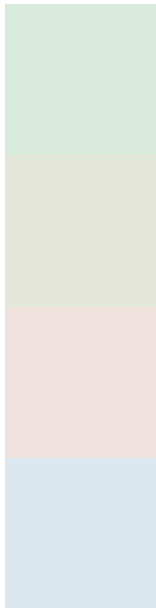
79.6837, 77.9233, 80.6529



Tritanopia

74.7553, 78.5866, 100.0356

Trichromacy



Original Color

70.3654, 78.4600, 79.1458

Protanomaly

72.9466, 78.1496, 77.5693

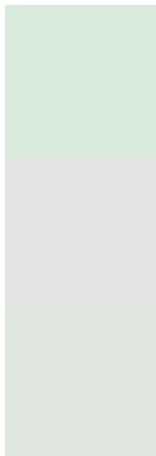
Deuteranomaly

75.9778, 78.0174, 80.1616

Tritanomaly

72.9220, 78.2303, 92.1455

Monochromacy



Original Color

70.3654, 78.4600, 79.1458

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.1828, 77.6634, 81.7071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3654, 78.4600, 79.1458 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, 234, 220)` looks like.

```
.text, #text, p{  
    color:rgb(215, 234, 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(215, 234, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 234, 220) }
```

Border

The CSS property to change the border of an element to XYZ 70.3654, 78.4600, 79.1458 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, 234, 220) }
```


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

```
.border{ border-color:rgb(215, 234, 220) }
```

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

Here you see how a box with a 4 pixel rgb(215, 234, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 234, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 234, 220);  
box-shadow:4px 4px 4px 4px rgb(215, 234,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3654, 78.4600, 79.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 234, 220) }
```

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

```
.background{ background-color: rgb(215,  
234, 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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