

Converting Colors

XYZ(71.6117, 79.7039, 78.3074)

Have a look what the booklet for
XYZ(71.6117, 79.7039, 78.3074)
contains.

XYZ(71.7079, 79.5912, 78.6011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.7079, 79.5912,
78.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEBDB
RGB	219, 235, 219
RGB Percent	86%, 92%, 86%
CMY	0.1412, 0.0784, 0.1412
CMYK	0.07, 0.00, 0.07, 0.08
HSL	120°, 29%, 89%
HSV	120°, 7%, 92%
XYZ	71.7079, 79.5912, 78.6011
YIQ	228.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

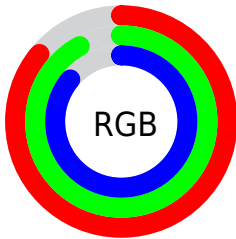
Format	Color
R _Y B	219, 235, 235
Decimal	14412763
CIE Lab	91.50, -8.19, 5.93
CIE LCh	92, 10.114, 144.077
Yxy	79.5912, 0.3119, 0.3462
Android (android.graphics.Color)	4292602843 (0xFFDBEBDB)
YUV	228.3920, -4.6303, -8.2368
Hunter-Lab	89.2139, -12.6505, 10.2128

Details

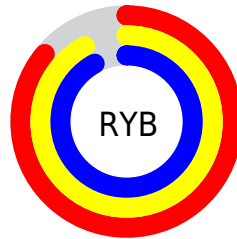
The XYZ color **71.7079, 79.5912, 78.6011** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.5907, 74.3252, 89.0158**, and the grayscale version is **74.0668, 77.9241, 84.8593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1308, 42.8130, 41.3760** is the 20% darker color. If you saturate the color by 10%, you get **62.2524, 75.0516, 63.1332**, and if you desaturate by 10%, it is **82.6028, 84.8269, 96.4195**.

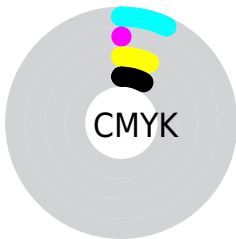
Distribution



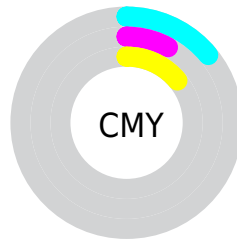
- Red (86%)
- Green (92%)
- Blue (86%)



- Red (86%)
- Yellow (92%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7079, 79.5912, 78.6011 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 71.7079, 79.5912, 78.6011 by changing the saturation by 10% instead.

71.7079, 79.5912,
78.6011

71.7079, 79.5912,
78.6011

455.6977,
493.5541, 509.7877

53.2047, 59.3820,
58.0485

120.6542,
132.7908, 133.1907

38.1943, 42.9207,
41.4327

151.8280,
166.5501, 168.0648

26.3115, 29.8229,
28.3351

187.9561,
205.5948, 208.5498

17.1907, 19.7042,
18.3372

229.4038,
250.3093, 255.0643

10.4667, 12.1802,
11.0204

276.5364,
301.0781, 308.0268

5.7741, 6.8665,
5.9662

329.7194,

2.7476, 3.3788,

358.2856, 367.8559

2.7561

389.3180,
422.3161, 434.9700

■ 1.0217, 1.3325,
0.9715

■ 0.0000, 0.1662,
0.0000

■ 71.7079, 79.5912,
78.6011

■ 71.7079, 79.5912,
78.6011

■ 62.2524, 75.0516,
63.1332

■ 82.6028, 84.8269,
96.4195

■ 54.1698, 71.1691,
49.9128

■ 88.9999, 87.8998,
106.8833

■ 47.3984, 67.9164,
38.8369

■ 41.8690, 65.2604,
29.7927

■ 37.5064, 63.1648,
22.6567

■ 34.2269, 61.5895,
17.2923

■ 31.9358, 60.4890,
13.5447

■ 30.5222, 59.8100,
11.2324

■ 29.8448, 59.4846,
10.1242

Harmonies

Analogous

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



73.6460, 79.5912, 74.3428



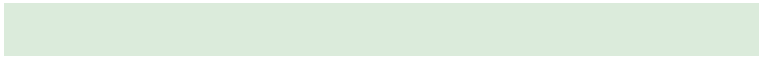
71.7079, 79.5912, 78.6011



70.8278, 79.5912, 85.2054

Triad

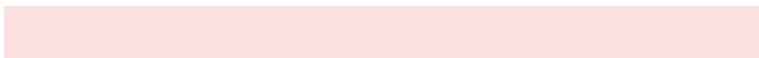
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7079, 79.5912, 78.6011



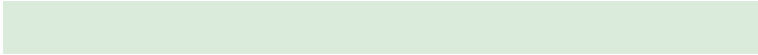
75.1390, 79.5912, 101.5528



80.2627, 79.5912, 81.0013

Complementary

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



71.7079, 79.5912, 78.6011



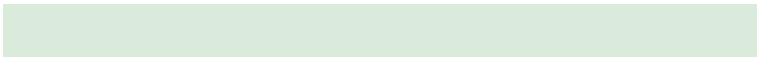
74.5907, 74.3252, 89.0158

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.



80.6842, 79.5912, 88.1337



71.7079, 79.5912, 78.6011



77.6881, 79.5912, 100.2706

Square

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



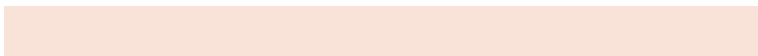
71.7079, 79.5912, 78.6011



72.7797, 79.5912, 98.6655



79.7320, 79.5912, 95.2545



78.5929, 79.5912, 75.6725

Rectangle

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



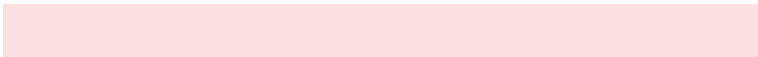
71.7079, 79.5912, 78.6011



70.9450, 79.5912, 90.1579



79.7320, 79.5912, 95.2545



80.5566, 79.5912, 83.2562

Sweetspot

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



71.7101, 79.5946, 78.6028



92.3882, 98.7214, 104.5462



76.7590, 82.1974, 78.8388



19.8027, 21.1438, 22.4228



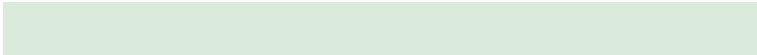
0.0000, 0.0000, 0.0000



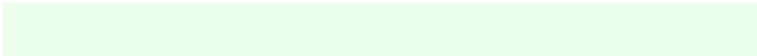
20.3446, 21.4041, 23.3091

Same Dimension

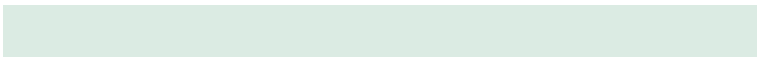
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7101, 79.5946, 78.6028



84.8268, 95.0893, 92.1783



72.7893, 80.0263, 84.2857



14.8684, 16.8622, 15.9899



16.5341, 33.0681, 5.5115



1.2983, 2.5966, 0.4328

Inverse Universe

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



74.5907, 74.3252, 89.0158



88.8838, 87.6678, 106.8441



73.4602, 73.8730, 83.0626



15.7149, 15.3138, 19.0497



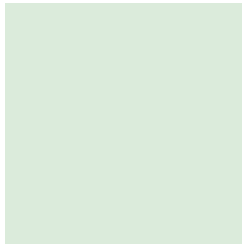
27.4128, 13.1678, 44.8367



2.1526, 1.0340, 3.5208

Previews

White Background



This preview shows how the XYZ color 71.7079, 79.5912, 78.6011 looks on a white background.

Color Contrast Check

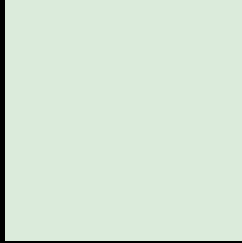
Large Text (above 18pt) WCAG AA × Fail

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 71.7079, 79.5912, 78.6011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

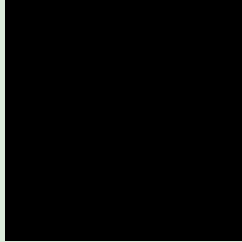
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

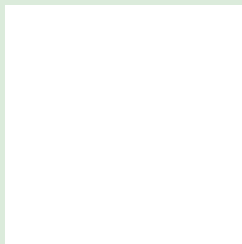
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7079, 79.5912, 78.6011

Background



This preview shows how black text looks on a background with the XYZ color 71.7079, 79.5912, 78.6011.

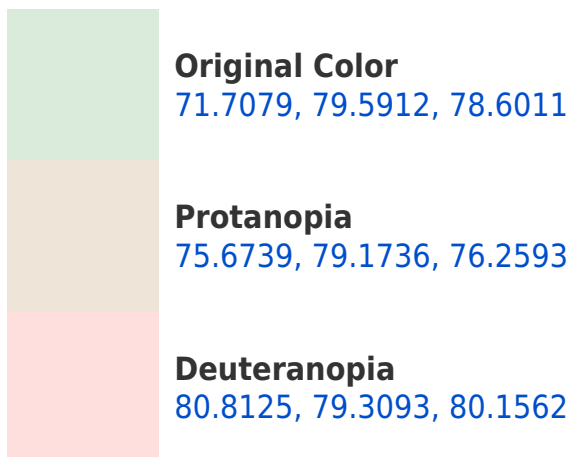


This preview shows how white text looks on a background with the XYZ color 71.7079, 79.5912,

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

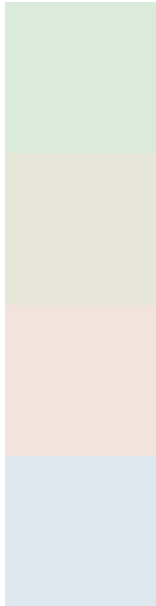




Tritanopia

76.4153, 79.8387, 101.0054

Trichromacy



Original Color

71.7079, 79.5912, 78.6011

Protanomaly

74.0553, 79.1505, 77.0201

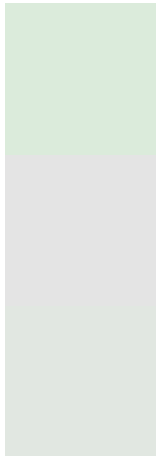
Deuteranomaly

77.1382, 79.0359, 79.5964

Tritanomaly

74.4134, 79.4159, 92.2957

Monochromacy



Original Color

71.7079, 79.5912, 78.6011

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2179, 78.5956, 82.5456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7079, 79.5912, 78.6011 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(219, 235, 219) looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 219)  
}
```

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(219, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.7079, 79.5912, 78.6011 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(219, 235, 219) }
```


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

```
.border{ border-color:rgb(219, 235, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 235, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7079, 79.5912, 78.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 219) }
```

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

```
.background{ background-color: rgb(219,  
235, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor