

Converting Colors

XYZ(70.7561, 79.2934, 71.5419)

Have a look what the booklet for
XYZ(70.7561, 79.2934, 71.5419)
contains.

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Color

**XYZ(70.6087, 79.1864,
71.2375)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | DCEBD0 |
| RGB | 220, 235, 208 |
| RGB Percent | 86%, 92%, 82% |
| CMY | 0.1373, 0.0784, 0.1843 |
| CMYK | 0.06, 0.00, 0.11, 0.08 |
| HSL | 93°, 40%, 87% |
| HSV | 93°, 11%, 92% |
| XYZ | 70.6087, 79.1864, 71.2375 |
| YIQ | 227.4370, -0.2730, -11.5770 |

Conversions

Conversions Part 2

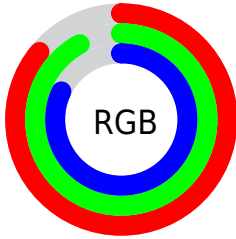
| Format | Color |
|-------------------------------------|--|
| RYB | 208, 235, 223 |
| Decimal | 14478288 |
| CIELab | 91.32, -9.74, 11.41 |
| CIELCh | 91, 15.000, 130.498 |
| Yxy | 79.1864, 0.3194, 0.3583 |
| Android (android.graphics.Color) | 4292668368 (0xFFDCEBD0) |
| YUV | 227.4370, -9.5824, -6.5222 |
| Hunter-Lab | 88.9867, -14.0916, 14.8267 |

Details

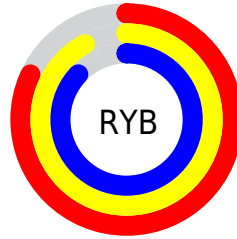
The XYZ color **70.6087, 79.1864, 71.2375** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.9858, 66.8000, 87.9119**, and the grayscale version is **73.4015, 77.2241, 84.0970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4699, 42.5726, 36.8143** is the 20% darker color. If you saturate the color by 10%, you get **64.1306, 76.1588, 56.9434**, and if you desaturate by 10%, it is **77.8283, 82.5514, 87.8058**.

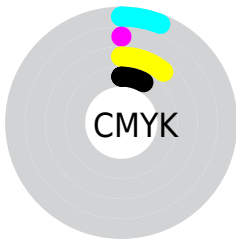
Distribution



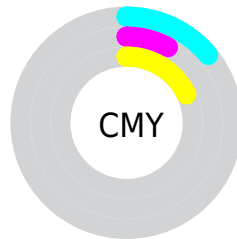
- Red (86%)
- Green (92%)
- Blue (82%)



- Red (82%)
- Yellow (92%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6087, 79.1864, 71.2375 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 70.6087, 79.1864, 71.2375 by changing the saturation by 10% instead.

70.6087, 79.1864,
71.2375

70.6087, 79.1864,
71.2375

451.9175,
492.1867, 483.7893

52.3043, 59.0491,
52.0530

119.0979,
132.2212, 122.6694

37.4729, 42.6526,
36.6648

150.0135,
165.8876, 155.7540

25.7492, 29.6127,
24.6543

185.8635,
204.8323, 194.3090

16.7678, 19.5448,
15.6030

227.0133,
249.4399, 238.7529

10.1634, 12.0646,
9.0924

273.8282,
300.0948, 289.5044

5.5705, 6.7877,
4.7039

326.6737,

2.6239, 3.3297,

357.1813, 346.9819

2.0189

385.9150,
421.0838, 411.6040

■ 0.9581, 1.3062,
0.5669

■ 0.0000, 0.1460,
0.0000

■ 70.6087, 79.1864,
71.2375

■ 70.6087, 79.1864,
71.2375

■ 64.1306, 76.1588,
56.9434

■ 77.8283, 82.5514,
87.8058

■ 58.3617, 73.4473,
44.8193

■ 85.8070, 86.2538,
106.7339

■ 53.2769, 71.0433,
34.7602

■ 88.9999, 87.8998,
106.8833

■ 48.8466, 68.9343,
26.6506

■ 45.0390, 67.1066,
20.3637

■ 41.8190, 65.5453,
15.7574

■ 39.1472, 64.2335,
12.6687

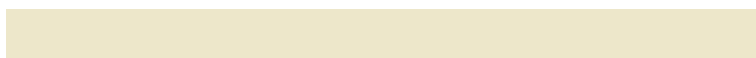
■ 36.9774, 63.1518,
10.9023

■ 35.4685, 62.3885,
10.1728

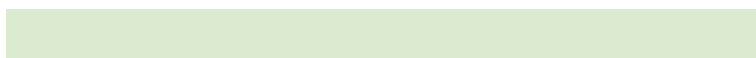
Harmonies

Analogous

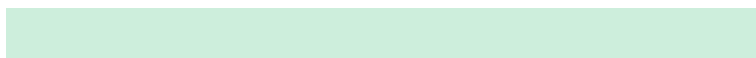
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9381, 79.1864, 67.2019



70.6087, 79.1864, 71.2375



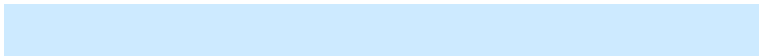
68.5712, 79.1864, 79.4078

Triad

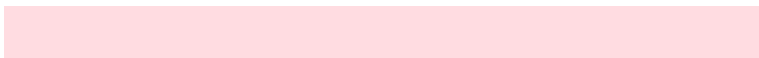
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6087, 79.1864, 71.2375



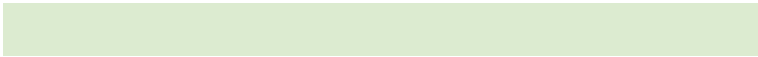
72.8463, 79.1864, 107.5360



82.6957, 79.1864, 82.4560

Complementary

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



70.6087, 79.1864, 71.2375



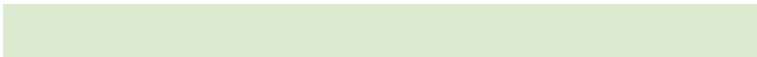
67.9858, 66.8000, 87.9119

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.



82.3793, 79.1864, 93.4122



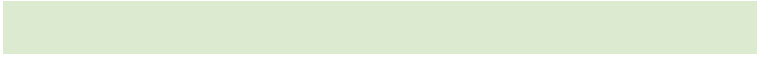
70.6087, 79.1864, 71.2375



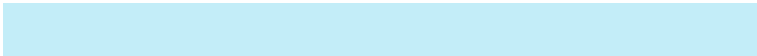
76.6063, 79.1864, 108.5263

Square

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



70.6087, 79.1864, 71.2375



69.8326, 79.1864, 100.5681



80.1202, 79.1864, 103.1696



80.9706, 79.1864, 73.3069

Rectangle

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



70.6087, 79.1864, 71.2375



68.1775, 79.1864, 86.4029



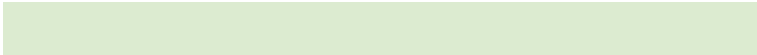
80.1202, 79.1864, 103.1696



82.8260, 79.1864, 86.0384

Sweetspot

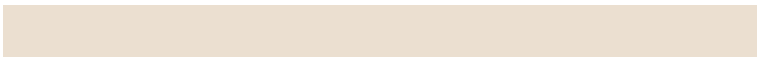
The Sweet Spot groups the original color and five complimentary colors.



70.6109, 79.1898, 71.2392



92.2960, 98.7197, 102.4694



71.9968, 74.9146, 70.3410



19.6006, 21.0582, 21.5741



0.0000, 0.0000, 0.0000



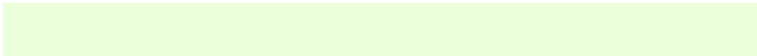
20.3446, 21.4041, 23.3091

Same Dimension

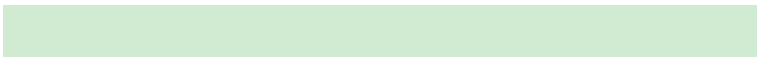
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6109, 79.1898, 71.2392



82.9007, 94.3403, 81.0653



67.2751, 77.4509, 71.9541



15.5037, 17.1897, 16.0195



19.8805, 34.7933, 5.6680



1.6702, 2.7883, 0.4502

Inverse Universe

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



67.9858, 66.8000, 87.9119



79.1025, 76.4142, 105.1880



71.6209, 68.6964, 87.0675



15.0316, 14.9616, 19.0179



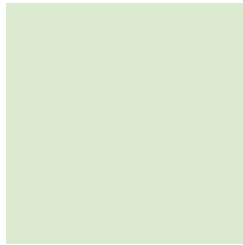
13.6676, 6.0818, 44.1965



1.1836, 0.5345, 3.4757

Previews

White Background



This preview shows how the XYZ color 70.6087, 79.1864, 71.2375 looks on a white background.

Color Contrast Check

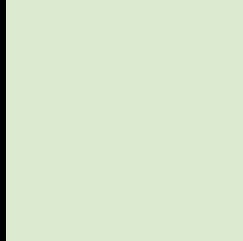
Large Text (above 18pt) WCAG AA × Fail

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 70.6087, 79.1864, 71.2375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

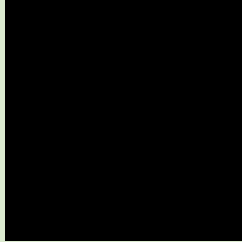
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

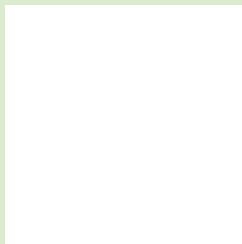
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6087, 79.1864, 71.2375

Background



This preview shows how black text looks on a background with the XYZ color 70.6087, 79.1864, 71.2375.

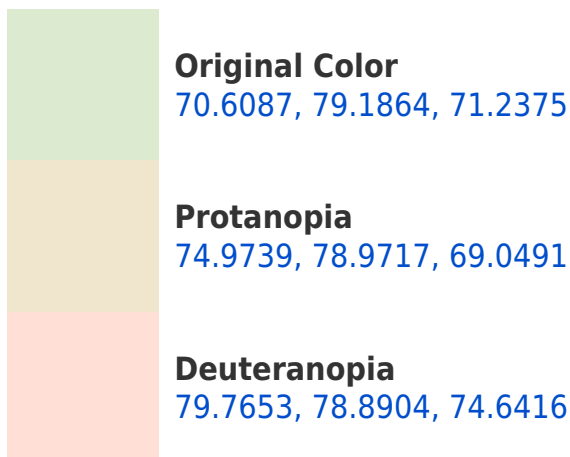


This preview shows how white text looks on a background with the XYZ color 70.6087, 79.1864,

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

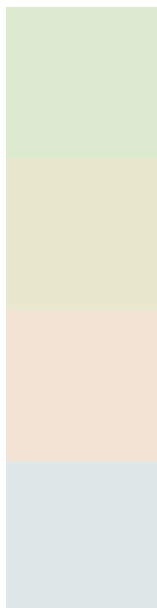




Tritanopia

76.1718, 78.9228, 99.2146

Trichromacy



Original Color

70.6087, 79.1864, 71.2375

Protanomaly

73.3208, 78.9317, 69.7634

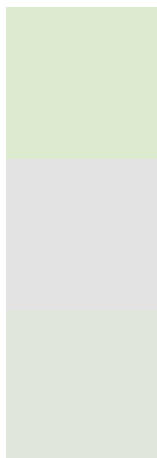
Deuteranomaly

75.9707, 78.5689, 73.4486

Tritanomaly

74.0244, 78.8823, 88.4151

Monochromacy



Original Color

70.6087, 79.1864, 71.2375

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.9556, 77.6082, 78.8976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6087, 79.1864, 71.2375 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(220, 235, 208)` looks like.

```
.text, #text, p{  
    color:rgb(220, 235, 208)  
}
```

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(220, 235, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 235, 208) }
```

Border

The CSS property to change the border of an element to XYZ 70.6087, 79.1864, 71.2375 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(220, 235, 208) }
```


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

```
.border{ border-color:rgb(220, 235, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 235, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 235, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 235, 208);  
box-shadow:4px 4px 4px 4px rgb(220, 235,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6087, 79.1864, 71.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 235, 208) }
```

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

```
.background{ background-color: rgb(220,  
235, 208) }
```

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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