

Converting Colors

XYZ(70.0371, 79.3359, 84.1499)

Have a look what the booklet for
XYZ(70.0371, 79.3359, 84.1499)
contains.

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Color

**XYZ(70.1617, 79.5243,
84.3249)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EDE3
RGB	208, 237, 227
RGB Percent	82%, 93%, 89%
CMY	0.1843, 0.0706, 0.1098
CMYK	0.12, 0.00, 0.04, 0.07
HSL	159°, 45%, 87%
HSV	159°, 12%, 93%
XYZ	70.1617, 79.5243, 84.3249
YIQ	227.1890, -14.0740, -9.2580

Conversions

Conversions Part 2

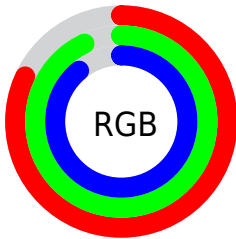
Format	Color
R _Y B	208, 226, 237
Decimal	13692387
CIE Lab	91.47, -11.36, 1.63
CIE LCh	91, 11.472, 171.837
Yxy	79.5243, 0.2998, 0.3398
Android (android.graphics.Color)	4291882467 (0xFFD0EDE3)
YUV	227.1890, -0.0932, -16.8288
Hunter-Lab	89.1764, -15.6195, 6.3591

Details

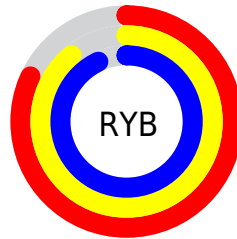
The XYZ color **70.1617, 79.5243, 84.3249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1386, 68.1802, 75.7965**, and the grayscale version is **73.1610, 76.9710, 83.8215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1071, 42.7986, 45.3349** is the 20% darker color. If you saturate the color by 10%, you get **62.8885, 75.9043, 78.2352**, and if you desaturate by 10%, it is **78.4887, 83.6857, 90.7469**.

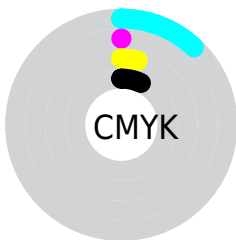
Distribution



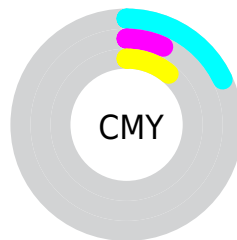
- Red (82%)
- Green (93%)
- Blue (89%)



- Red (82%)
- Yellow (89%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1617, 79.5243, 84.3249 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 70.1617, 79.5243, 84.3249 by changing the saturation by 10% instead.

70.1617, 79.5243,
84.3249

70.1617, 79.5243,
84.3249

450.3751,
493.3282, 529.4777

51.9384, 59.3270,
62.7368

118.4643,
132.6967, 141.2953

37.1801, 42.8764,
45.1887

149.2744,
166.4406, 177.5147

25.5213, 29.7881,
31.2620

185.0108,
205.4688, 219.4483

16.5966, 19.6778,
20.5383

226.0389,
250.1657, 267.5146

10.0408, 12.1611,
12.5990

272.7240,
300.9157, 322.1322

5.4885, 6.8535,
7.0255

325.4315,

2.5743, 3.3706,

358.1032, 383.7195

3.3994

384.5268,
422.1126, 452.6952

■ 0.9329, 1.3282,
1.3020

■ 0.0000, 0.1628,
0.0634

■ 70.1617, 79.5243,
84.3249

■ 70.1617, 79.5243,
84.3249

■ 62.8885, 75.9043,
78.2352

■ 78.4887, 83.6857,
90.7469

■ 56.6177, 72.7928,
72.4665

■ 87.7563, 88.3236,
97.4947

■ 51.3033, 70.1683,
67.0146

■ 89.0211, 88.8295,
104.1551

■ 46.8933, 68.0041,
61.8728

■ 89.5757, 89.0514,
107.0752

■ 43.3303, 66.2707,
57.0346

■ 40.5503, 64.9352,
52.4926

■ 38.4795, 63.9597,
48.2391

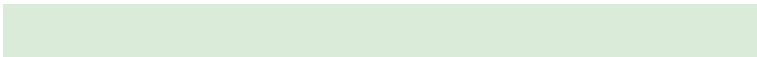
■ 37.0293, 63.2985,
44.2656

■ 36.2241, 62.9467,
41.3663

Harmonies

Analogous

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



71.2554, 79.5243, 77.0260



70.1617, 79.5243, 84.3249



70.4915, 79.5243, 92.7098

Triad

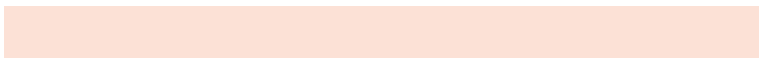
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1617, 79.5243, 84.3249



77.6937, 79.5243, 102.3921



79.1088, 79.5243, 74.5484

Complementary

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



70.1617, 79.5243, 84.3249



70.1386, 68.1802, 75.7965

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.



80.9191, 79.5243, 80.7426



70.1617, 79.5243, 84.3249



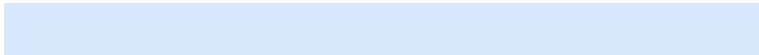
80.0875, 79.5243, 96.9113

Square

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



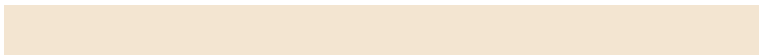
70.1617, 79.5243, 84.3249



74.7909, 79.5243, 103.5044



81.2818, 79.5243, 88.8921



76.3856, 79.5243, 71.6239

Rectangle

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



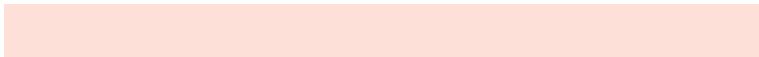
70.1617, 79.5243, 84.3249



71.4782, 79.5243, 97.7654



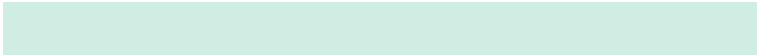
81.2818, 79.5243, 88.8921



79.8472, 79.5243, 76.2975

Sweetspot

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



70.1639, 79.5276, 84.3267



90.8351, 97.8920, 105.7732



70.6302, 80.0545, 71.4050



19.2777, 20.8706, 22.5155



0.0000, 0.0000, 0.0000



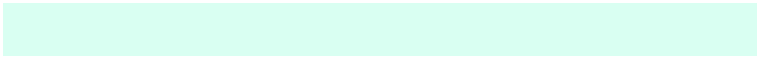
20.3446, 21.4041, 23.3091

Same Dimension

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



70.1639, 79.5276, 84.3267



80.2991, 92.6327, 97.5005



70.3409, 77.6073, 91.3971



15.2842, 17.0285, 18.1792



19.8402, 34.3905, 22.9211



1.6029, 2.7185, 2.0366

Inverse Universe

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



70.1386, 68.1802, 75.7965



80.2633, 76.4669, 85.3499



69.9438, 69.8228, 69.4663



15.2799, 15.1398, 16.7593



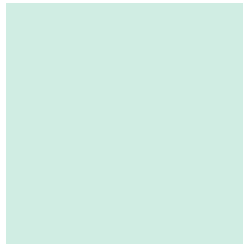
19.9495, 10.1825, 5.5356



1.6103, 0.8171, 0.6655

Previews

White Background



This preview shows how the XYZ color 70.1617, 79.5243, 84.3249 looks on a white background.

Color Contrast Check

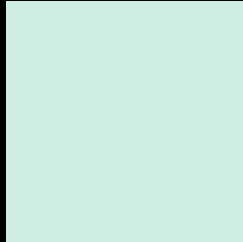
Large Text (above 18pt) WCAG AA × Fail

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 70.1617, 79.5243, 84.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

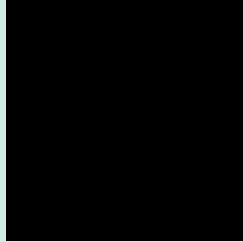
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

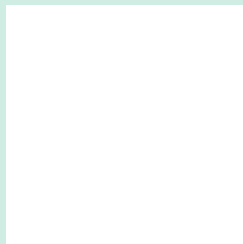
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1617, 79.5243, 84.3249

Background



This preview shows how black text looks on a background with the XYZ color 70.1617, 79.5243, 84.3249.

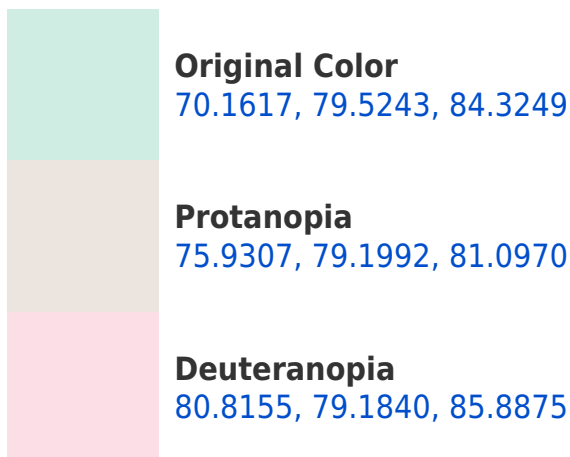


This preview shows how white text looks on a background with the XYZ color 70.1617, 79.5243,

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

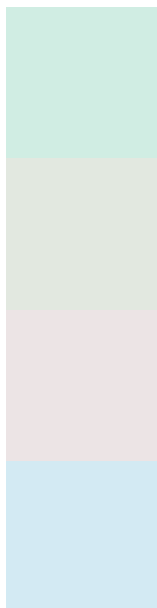




Tritanopia

73.8610, 79.3032, 103.5096

Trichromacy



Original Color

70.1617, 79.5243, 84.3249

Protanomaly

73.6752, 79.2638, 81.9374

Deuteranomaly

76.4783, 78.9768, 85.3420

Tritanomaly

72.4644, 79.1656, 96.2552

Monochromacy



Original Color

70.1617, 79.5243, 84.3249

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.9562, 77.9135, 83.9194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1617, 79.5243, 84.3249 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(208, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(208, 237, 227)  
}
```

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(208, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 237, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.1617, 79.5243, 84.3249 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(208, 237, 227) }
```


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

```
.border{ border-color:rgb(208, 237, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 237, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(208, 237,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1617, 79.5243, 84.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 237, 227) }
```

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

```
.background{ background-color: rgb(208,  
237, 227) }
```

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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