

Converting Colors

XYZ(69.8707, 79.3189, 83.0661)

Have a look what the booklet for
XYZ(69.8707, 79.3189, 83.0661)
contains.

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Color

**XYZ(69.8872, 79.4145,
82.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EDE1
RGB	208, 237, 225
RGB Percent	82%, 93%, 88%
CMY	0.1843, 0.0706, 0.1176
CMYK	0.12, 0.00, 0.05, 0.07
HSL	155°, 45%, 87%
HSV	155°, 12%, 93%
XYZ	69.8872, 79.4145, 82.8792
YIQ	226.9610, -13.4320, -9.8800

Conversions

Conversions Part 2

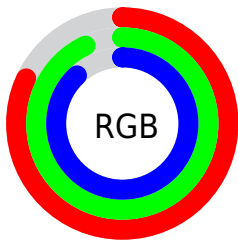
Format	Color
R_{YB}	208, 226, 237
Decimal	13692385
CIE _{Lab}	91.42, -11.73, 2.60
CIE _{LCh}	91, 12.017, 167.509
Y _{xy}	79.4145, 0.3010, 0.3420
Android (android.graphics.Color)	4291882465 (0xFFD0EDE1)
YUV	226.9610, -0.9668, -16.6288
Hunter-Lab	89.1148, -15.9645, 7.2391

Details

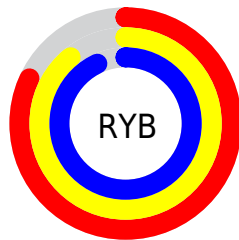
The XYZ color **69.8872, 79.4145, 82.8792** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.4020, 68.2856, 77.1837**, and the grayscale version is **73.0010, 76.8027, 83.6381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9164, 42.7223, 44.3307** is the 20% darker color. If you saturate the color by 10%, you get **62.4156, 75.7152, 75.7448**, and if you desaturate by 10%, it is **78.4358, 83.6646, 90.4686**.

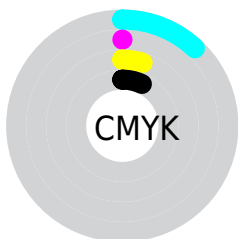
Distribution



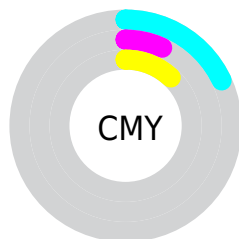
- Red (82%)
- Green (93%)
- Blue (88%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8872, 79.4145, 82.8792 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 69.8872, 79.4145, 82.8792 by changing the saturation by 10% instead.

69.8872, 79.4145,
82.8792

69.8872, 79.4145,
82.8792

449.4264,
492.9575, 524.5443

51.7138, 59.2367,
61.5505

118.0750,
132.5422, 139.2540

37.0004, 42.8037,
44.2361

148.8202,
166.2609, 175.1371

25.3815, 29.7311,
30.5176

184.4867,
205.2620, 216.7088

16.4917, 19.6346,
19.9764

225.4399,
249.9299, 264.3875

9.9658, 12.1297,
12.1940

272.0451,
300.6490, 318.5919

5.4384, 6.8321,
6.7518

324.6677,

2.5441, 3.3573,

357.8037, 379.7405

3.2313

383.6730,
421.7784, 448.2518

■ 0.9175, 1.3210,
1.2139

■ 0.0000, 0.1574,
0.0000

■ 69.8872, 79.4145,
82.8792

■ 69.8872, 79.4145,
82.8792

■ 62.4156, 75.7152,
75.7448

■ 78.4358, 83.6646,
90.4686

■ 55.9692, 72.5334,
69.0514

■ 87.9490, 88.4007,
98.5094

■ 50.5014, 69.8475,
62.7916

■ 89.4837, 89.0146,
106.5910

■ 45.9596, 67.6306,
56.9559

■ 89.5757, 89.0514,
107.0752

■ 42.2858, 65.8529,
51.5345

■ 39.4155, 64.4813,
46.5167

■ 37.2741, 63.4775,
41.8914

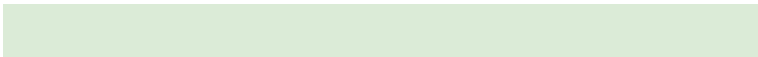
■ 35.7724, 62.7957,
37.6466

■ 34.9398, 62.4330,
34.6035

Harmonies

Analogous

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



71.2298, 79.4145, 75.5904



69.8872, 79.4145, 82.8792



70.0138, 79.4145, 91.6323

Triad

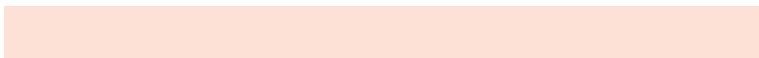
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8872, 79.4145, 82.8792



77.2631, 79.4145, 103.5347



79.5210, 79.4145, 74.6418

Complementary

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



69.8872, 79.4145, 82.8792



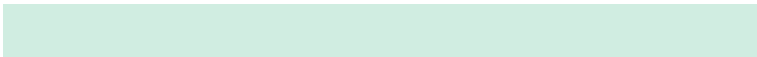
70.4020, 68.2856, 77.1837

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.



81.2259, 79.4145, 81.5032



69.8872, 79.4145, 82.8792



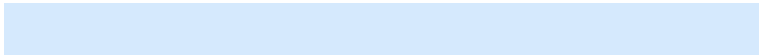
79.8983, 79.4145, 98.3440

Square

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



69.8872, 79.4145, 82.8792



74.2170, 79.4145, 103.9653



81.3658, 79.4145, 90.1608



76.7594, 79.4145, 71.0545

Rectangle

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



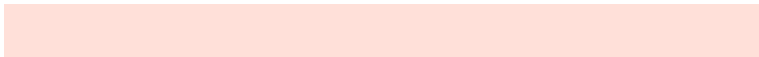
69.8872, 79.4145, 82.8792



70.9143, 79.4145, 97.1278



81.3658, 79.4145, 90.1608



80.2399, 79.4145, 76.6198

Sweetspot

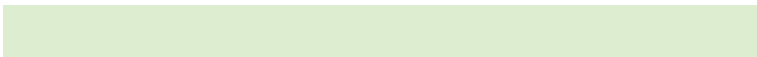
The Sweet Spot groups the original color and five complimentary colors.



69.8894, 79.4178, 82.8810



90.7241, 97.8476, 105.1887



71.2125, 80.3547, 71.4324



19.2496, 20.8593, 22.3674



0.0000, 0.0000, 0.0000



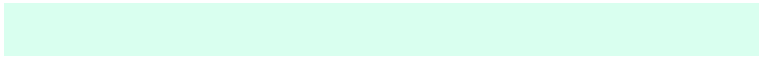
20.3446, 21.4041, 23.3091

Same Dimension

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



69.8894, 79.4178, 82.8810



79.9061, 92.4755, 95.4309



70.8903, 78.7060, 91.5802



15.2387, 17.0103, 17.9397



19.1418, 34.1112, 19.2436



1.5508, 2.6976, 1.7622

Inverse Universe

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



70.4020, 68.2856, 77.1837



80.6365, 76.6162, 87.3153



69.4623, 68.8598, 69.3059



15.3240, 15.1574, 16.9914



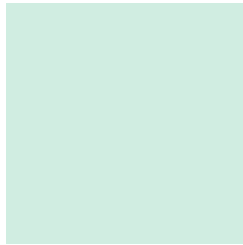
20.3354, 10.3368, 7.5675



1.6437, 0.8304, 0.8410

Previews

White Background



This preview shows how the XYZ color 69.8872, 79.4145, 82.8792 looks on a white background.

Color Contrast Check

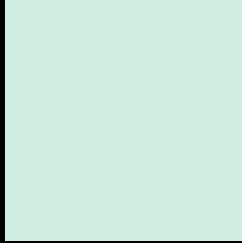
Large Text (above 18pt) WCAG AA × Fail

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 69.8872, 79.4145, 82.8792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

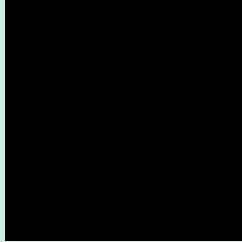
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

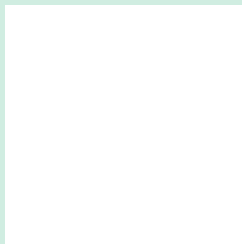
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8872, 79.4145, 82.8792

Background



This preview shows how black text looks on a background with the XYZ color 69.8872, 79.4145, 82.8792.

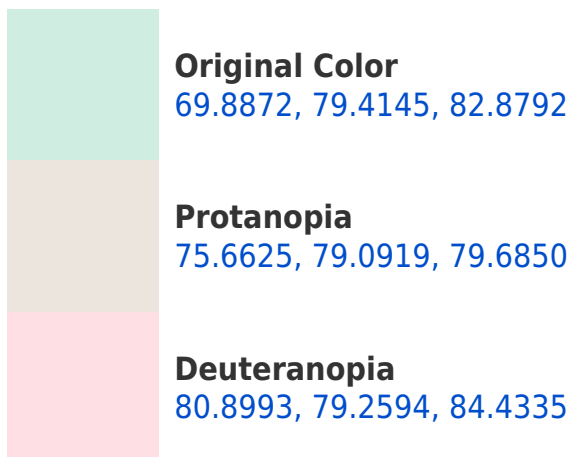


This preview shows how white text looks on a background with the XYZ color 69.8872, 79.4145,

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

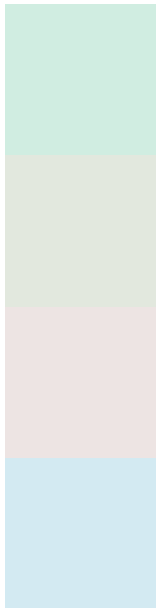




Tritanopia

74.1502, 79.4522, 103.5231

Trichromacy



Original Color

69.8872, 79.4145, 82.8792

Protanomaly

73.4055, 79.1559, 80.5170

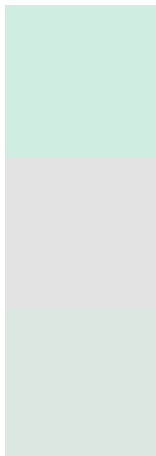
Deuteranomaly

76.5336, 79.0374, 83.8950

Tritanomaly

72.3138, 79.1053, 95.4619

Monochromacy



Original Color

69.8872, 79.4145, 82.8792

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.8186, 77.8585, 83.1944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8872, 79.4145, 82.8792 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, 225) looks like.

```
.text, #text, p{  
    color:rgb(208, 237, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 237, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.8872, 79.4145, 82.8792 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, 225) }
```


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

```
.border{ border-color:rgb(208, 237, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 237, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 237, 225);  
box-shadow:4px 4px 4px 4px rgb(208, 237,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8872, 79.4145, 82.8792 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, 225) }
```

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

```
.background{ background-color: rgb(208,  
237, 225) }
```

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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