

Converting Colors

XYZ(69.4988, 80.4264, 73.2936)

Have a look what the booklet for
XYZ(69.4988, 80.4264, 73.2936)
contains.

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Color

**XYZ(69.4883, 80.2850,
73.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EFD3
RGB	211, 239, 211
RGB Percent	83%, 94%, 83%
CMY	0.1725, 0.0627, 0.1725
CMYK	0.12, 0.00, 0.12, 0.06
HSL	120°, 47%, 88%
HSV	120°, 12%, 94%
XYZ	69.4883, 80.2850, 73.4622
YIQ	227.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

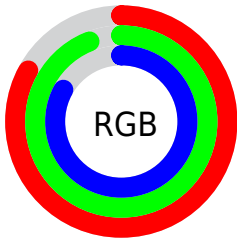
Format	Color
R_{YB}	211, 239, 239
Decimal	13889491
CIE _{Lab}	91.81, -14.28, 10.47
CIE _{LCh}	92, 17.706, 143.750
Yxy	80.2850, 0.3113, 0.3596
Android (android.graphics.Color)	4292079571 (0xFFD3EFD3)
YUV	227.4360, -8.1029, -14.4144
Hunter-Lab	89.6019, -18.3725, 14.1110

Details

The XYZ color **69.4883, 80.2850, 73.4622** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.4736, 71.1731, 91.4775**, and the grayscale version is **73.3941, 77.2163, 84.0886**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6445, 43.3352, 37.8856** is the 20% darker color. If you saturate the color by 10%, you get **60.3668, 75.9058, 58.5406**, and if you desaturate by 10%, it is **80.0778, 85.3741, 90.7812**.

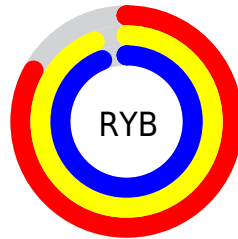
Distribution



Red (83%)

Green (94%)

Blue (83%)



Red (83%)

Yellow (94%)

Blue (94%)

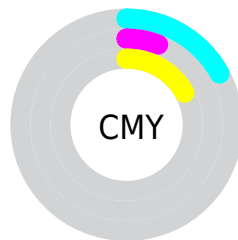


Cyan (12%)

Magenta (0%)

Yellow (12%)

Black (6%)



Cyan (17%)

Magenta (6%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4883, 80.2850, 73.4622 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 69.4883, 80.2850, 73.4622 by changing the saturation by 10% instead.

69.4883, 80.2850,
73.4622

69.4883, 80.2850,
73.4622

448.0458,
495.8928, 491.7288

51.3876, 59.9529,
53.8599

117.5090,
133.7664, 125.8601

36.7394, 43.3807,
38.0972

148.1597,
167.6844, 159.4928

25.1786, 30.1839,
25.7557

183.7244,
206.8999, 198.6393

16.3396, 19.9782,
16.4169

224.5685,
251.7972, 243.7183

9.8571, 12.3792,
9.6621

271.0573,
302.7608, 295.1482

5.3659, 7.0025,
5.0728

323.5562,

2.5004, 3.4637,

360.1750, 353.3475

2.2306

382.4306,
424.4242, 418.7349

■ 0.8955, 1.3783,
0.6919

■ 0.0000, 0.2007,
0.0000

■ 69.4883, 80.2850,
73.4622

■ 69.4883, 80.2850,
73.4622

■ 60.3668, 75.9058,
58.5406

■ 80.0778, 85.3741,
90.7812

■ 52.6423, 72.1954,
45.9059

■ 90.1581, 90.2161,
107.2694

■ 46.2479, 69.1238,
35.4467

■ 41.1086, 66.6552,
27.0403

■ 37.1418, 64.7497,
20.5519

■ 34.2553, 63.3632,
15.8303

■ 32.3429, 62.4445,
12.7020

■ 31.2769, 61.9325,
10.9583

■ 30.8681, 61.7361,
10.2895

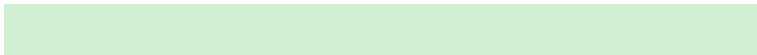
Harmonies

Analogous

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



72.8492, 80.2850, 66.4877



69.4883, 80.2850, 73.4622



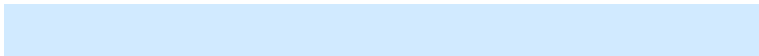
67.9622, 80.2850, 84.7255

Triad

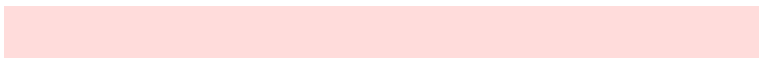
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.4883, 80.2850, 73.4622



75.3629, 80.2850, 114.6738



84.5738, 80.2850, 77.7370

Complementary

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



69.4883, 80.2850, 73.4622



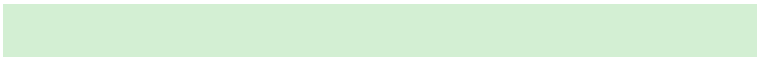
74.4736, 71.1731, 91.4775

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.



85.3115, 80.2850, 90.1644



69.4883, 80.2850, 73.4622



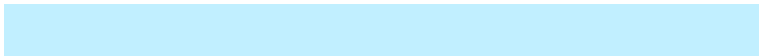
79.8756, 80.2850, 112.3326

Square

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



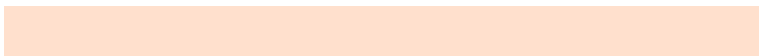
69.4883, 80.2850, 73.4622



71.2663, 80.2850, 109.1490



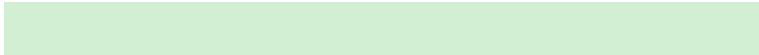
83.5609, 80.2850, 103.0351



81.5831, 80.2850, 68.7794

Rectangle

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



69.4883, 80.2850, 73.4622



68.1458, 80.2850, 93.4897



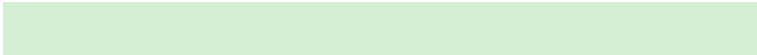
83.5609, 80.2850, 103.0351



85.0983, 80.2850, 81.6126

Sweetspot

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



69.4905, 80.2884, 73.4640



89.7974, 97.4769, 100.3085



78.2245, 84.7910, 73.8723



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



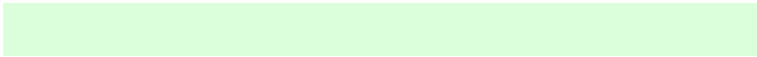
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4905, 80.2884, 73.4640



77.8896, 91.7570, 80.8313



71.3234, 81.0216, 83.1161



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6860



1.4190, 2.8381, 0.4730

Inverse Universe

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



74.4736, 71.1731, 91.4775



84.6997, 79.2997, 105.4492



72.4840, 70.3772, 81.0004



16.4543, 16.0314, 19.9487



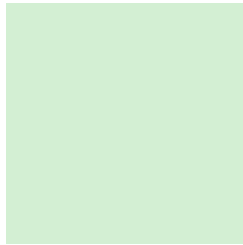
28.2808, 13.5848, 46.2570



2.3527, 1.1301, 3.8482

Previews

White Background



This preview shows how the XYZ color 69.4883, 80.2850, 73.4622 looks on a white background.

Color Contrast Check

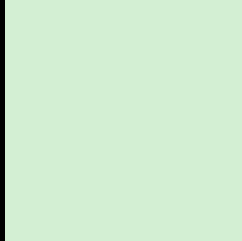
Large Text (above 18pt) WCAG AA × Fail

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 69.4883, 80.2850, 73.4622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

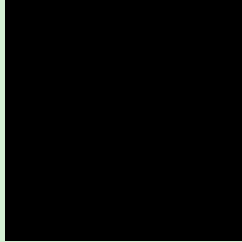
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

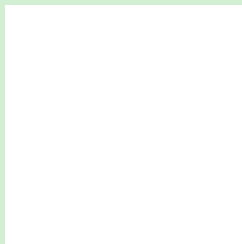
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4883, 80.2850, 73.4622

Background



This preview shows how black text looks on a background with the XYZ color 69.4883, 80.2850, 73.4622.



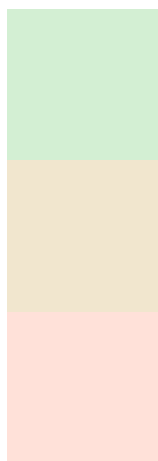
This preview shows how white text looks on a background with the XYZ color 69.4883, 80.2850,

73.4622.

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

69.4883, 80.2850, 73.4622

Protanopia

75.7130, 79.7506, 69.7954

Deuteranopia

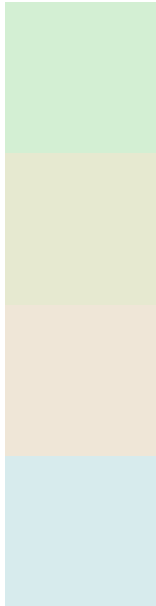
80.6896, 80.1202, 76.8576



Tritanopia

75.6230, 80.2115, 103.5921

Trichromacy



Original Color

69.4883, 80.2850, 73.4622

Protanomaly

73.1572, 79.6549, 71.1936

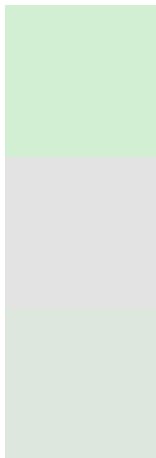
Deuteranomaly

76.1592, 79.8506, 75.6887

Tritanomaly

73.0187, 79.9782, 91.7096

Monochromacy



Original Color

69.4883, 80.2850, 73.4622

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.4459, 77.7444, 79.6472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4883, 80.2850, 73.4622 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(211, 239, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 239, 211)  
}
```

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(211, 239, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 239, 211) }
```

Border

The CSS property to change the border of an element to XYZ 69.4883, 80.2850, 73.4622 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(211, 239, 211) }
```


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

```
.border{ border-color:rgb(211, 239, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 239, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 239, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 239, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 239,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4883, 80.2850, 73.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 239, 211) }
```

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

```
.background{ background-color: rgb(211,  
239, 211) }
```

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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