

Converting Colors

XYZ(69.3280, 84.6839, 73.6644)

Have a look what the booklet for
XYZ(69.3280, 84.6839, 73.6644)
contains.

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Color

**XYZ(69.3280, 84.6839,
73.6644)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F9D2
RGB	200, 249, 210
RGB Percent	78%, 98%, 82%
CMY	0.2157, 0.0235, 0.1765
CMYK	0.20, 0.00, 0.16, 0.02
HSL	132°, 80%, 88%
HSV	132°, 20%, 98%
XYZ	69.3280, 84.6839, 73.6644
YIQ	229.9030, -16.6850, -22.5170

Conversions

Conversions Part 2

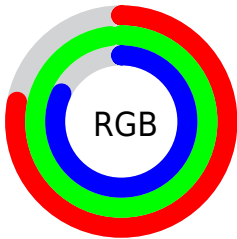
Format	Color
R_{YB}	200, 241, 249
Decimal	13171154
CIE _{Lab}	93.75, -22.96, 13.64
CIE _{LCh}	94, 26.710, 149.283
Yxy	84.6839, 0.3045, 0.3719
Android (android.graphics.Color)	4291361234 (0xFFC8F9D2)
YUV	229.9030, -9.8122, -26.2249
Hunter-Lab	92.0239, -26.5652, 16.9555

Details

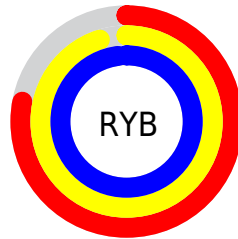
The XYZ color **69.3280, 84.6839, 73.6644** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.3042, 67.6824, 90.7603**, and the grayscale version is **75.2231, 79.1406, 86.1841**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4431, 46.0856, 37.9850** is the 20% darker color. If you saturate the color by 10%, you get **60.8935, 80.6060, 61.1692**, and if you desaturate by 10%, it is **79.1560, 89.4496, 87.8247**.

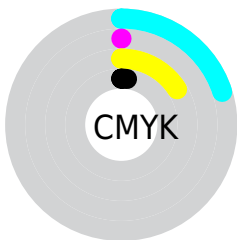
Distribution



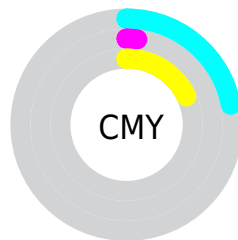
- Red (78%)
- Green (98%)
- Blue (82%)



- Red (78%)
- Yellow (95%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (22%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3280, 84.6839, 73.6644 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 69.3280, 84.6839, 73.6644 by changing the saturation by 10% instead.

69.3280, 84.6839,
73.6644

69.3280, 84.6839,
73.6644

447.4903,
510.5815, 492.4467

51.2565, 63.5802,
54.0243

117.2814,
139.9315, 126.1496

36.6346, 46.3108,
38.2278

147.8941,
174.8441, 159.8318

25.0971, 32.4911,
25.8563

183.4178,
215.1286, 199.0317

16.2785, 21.7369,
16.4914

224.2180,
261.1692, 244.1679

9.8136, 13.6637,
9.7144

270.6600,
313.3504, 295.6590

5.3368, 7.8871,
5.1069

323.1091,

2.4830, 4.0228,

372.0566, 353.9235

2.2503

381.9307,
437.6722, 419.3798

■ 0.8867, 1.6863,
0.7032

■ 0.0000, 0.4148,
0.0000

■ 69.3280, 84.6839,
73.6644

■ 69.3280, 84.6839,
73.6644

■ 60.8935, 80.6060,
61.1692

■ 79.1560, 89.4496,
87.8247

■ 53.7821, 77.1738,
50.2724

■ 90.4299, 94.9218,
103.7024

■ 47.9277, 74.3568,
40.9110

■ 93.1673, 96.2346,
108.2724

■ 43.2553, 72.1181,
33.0158

■ 39.6823, 70.4163,
26.5123

■ 37.1145, 69.2049,
21.3191

■ 35.4416, 68.4287,
17.3466

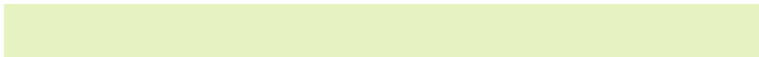
■ 34.4948, 68.0028,
14.4920

■ 34.4708, 67.9920,
14.4176

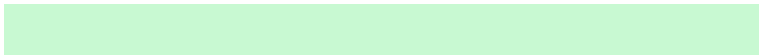
Harmonies

Analogous

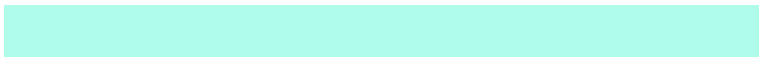
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0033, 84.6839, 62.1697



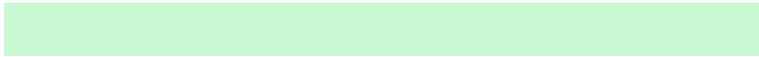
69.3280, 84.6839, 73.6644



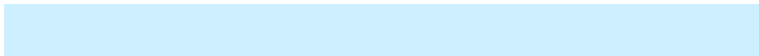
67.6116, 84.6839, 91.7183

Triad

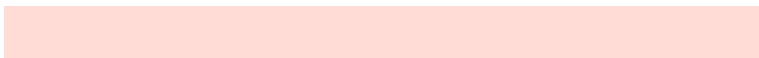
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3280, 84.6839, 73.6644



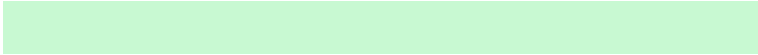
80.3189, 84.6839, 137.0209



92.9768, 84.6839, 74.3960

Complementary

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



69.3280, 84.6839, 73.6644



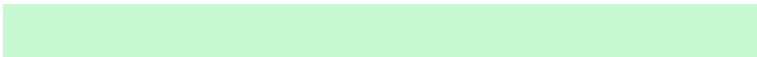
75.3042, 67.6824, 90.7603

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.



94.9068, 84.6839, 92.6962



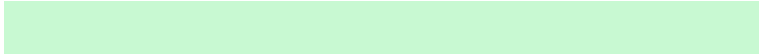
69.3280, 84.6839, 73.6644



87.3441, 84.6839, 130.6295

Square

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



69.3280, 84.6839, 73.6644



73.7240, 84.6839, 130.0137



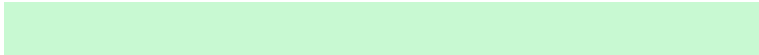
92.7890, 84.6839, 113.6247



87.6567, 84.6839, 62.5465

Rectangle

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



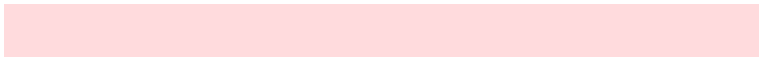
69.3280, 84.6839, 73.6644



68.2939, 84.6839, 105.7112



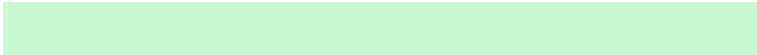
92.7890, 84.6839, 113.6247



94.0569, 84.6839, 79.9036

Sweetspot

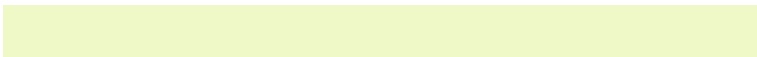
The Sweet Spot groups the original color and five complimentary colors.



69.3303, 84.6875, 73.6663



87.7442, 96.4531, 98.6461



79.9686, 90.3112, 67.8616



18.6179, 20.5659, 20.8840



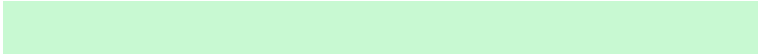
0.0000, 0.0000, 0.0000



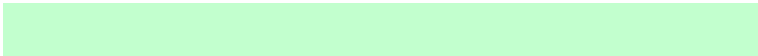
20.3446, 21.4041, 23.3091

Same Dimension

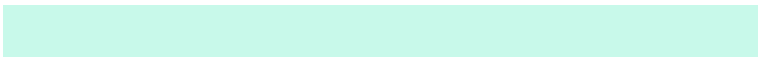
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3303, 84.6875, 73.6663



69.1326, 87.4332, 71.8095



72.5922, 85.9923, 90.8434



17.1622, 19.3672, 19.0548



18.4912, 36.4095, 7.9302



1.7488, 3.3866, 0.9252

Inverse Universe

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



75.3042, 67.6824, 90.7603



76.5912, 66.1961, 93.1475



71.9511, 66.3411, 73.1028



17.8324, 17.4603, 20.9729



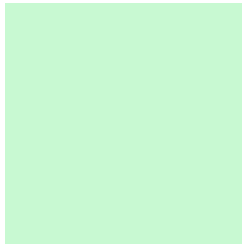
26.4324, 12.9887, 30.0491



2.4851, 1.2178, 2.9779

Previews

White Background



This preview shows how the XYZ color 69.3280, 84.6839, 73.6644 looks on a white background.

Color Contrast Check

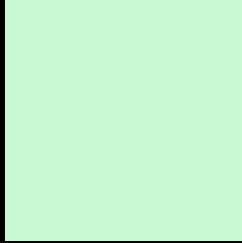
Large Text (above 18pt) WCAG AA × Fail

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 69.3280, 84.6839, 73.6644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

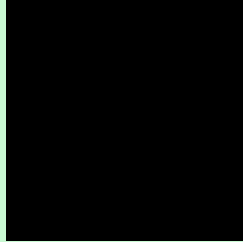
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3280, 84.6839, 73.6644

Background



This preview shows how black text looks on a background with the XYZ color 69.3280, 84.6839, 73.6644.



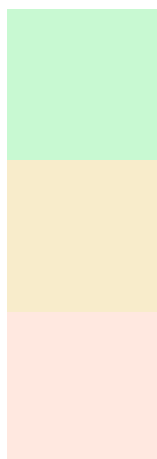
This preview shows how white text looks on a background with the XYZ color 69.3280, 84.6839,

73.6644.

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

69.3280, 84.6839, 73.6644

Protanopia

79.4863, 84.2592, 68.5742

Deuteranopia

83.5512, 84.3550, 82.3995



Tritanopia

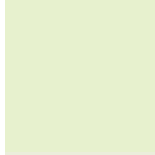
77.8254, 84.2919, 106.7759

Trichromacy



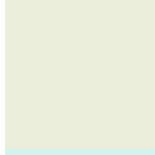
Original Color

69.3280, 84.6839, 73.6644



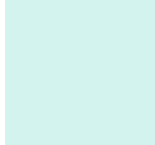
Protanomaly

75.5509, 84.3557, 70.6929



Deuteranomaly

77.6217, 83.9257, 79.1260



Tritanomaly

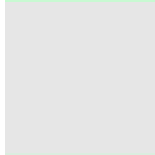
74.4945, 84.1821, 93.9838

Monochromacy



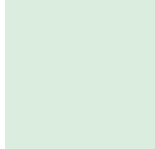
Original Color

69.3280, 84.6839, 73.6644



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.8169, 80.9562, 81.6003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3280, 84.6839, 73.6644 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(200, 249, 210)` looks like.

```
.text, #text, p{  
    color:rgb(200, 249, 210)  
}
```

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(200, 249, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 249, 210) }
```

Border

The CSS property to change the border of an element to XYZ 69.3280, 84.6839, 73.6644 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(200, 249, 210) }
```


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

```
.border{ border-color:rgb(200, 249, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 249, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 249, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 249, 210); box-shadow:4px 4px 4px 4px rgb(200, 249, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3280, 84.6839, 73.6644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 249, 210) }
```

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

```
.background{ background-color: rgb(200,  
249, 210) }
```

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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