

Converting Colors

XYZ(69.9135, 79.2934, 73.8422)

Have a look what the booklet for
XYZ(69.9135, 79.2934, 73.8422)
contains.

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Color

**XYZ(69.9034, 79.1914,
73.8885)**

Conversions

Conversions Part 1

Format	Color
Hex	D7ECD4
RGB	215, 236, 212
RGB Percent	84%, 93%, 83%
CMY	0.1569, 0.0745, 0.1686
CMYK	0.09, 0.00, 0.10, 0.07
HSL	113°, 39%, 88%
HSV	113°, 10%, 93%
XYZ	69.9034, 79.1914, 73.8885
YIQ	226.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

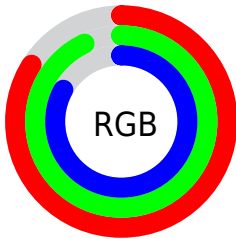
Format	Color
R_{YB}	212, 236, 233
Decimal	14150868
CIE _{Lab}	91.32, -11.26, 9.28
CIE _{LCh}	91, 14.596, 140.507
Yxy	79.1914, 0.3135, 0.3551
Android (android.graphics.Color)	4292340948 (0xFFD7ECD4)
YUV	226.9850, -7.3876, -10.5108
Hunter-Lab	88.9895, -15.5157, 13.0639

Details

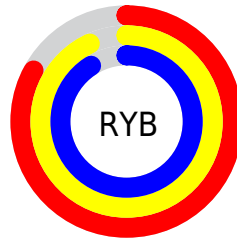
The XYZ color **69.9034, 79.1914, 73.8885** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.2912, 70.4689, 89.1526**, and the grayscale version is **73.0591, 76.8639, 83.7047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9043, 42.5504, 38.1663** is the 20% darker color. If you saturate the color by 10%, you get **61.4554, 75.1578, 59.0719**, and if you desaturate by 10%, it is **79.5564, 83.8005, 91.0363**.

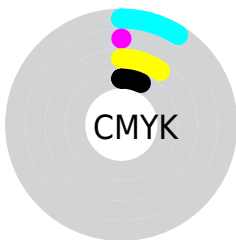
Distribution



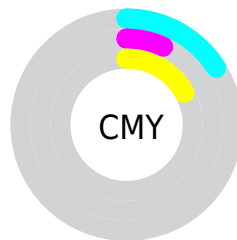
- Red (84%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (91%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9034, 79.1914, 73.8885 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 69.9034, 79.1914, 73.8885 by changing the saturation by 10% instead.

69.9034, 79.1914,
73.8885

69.9034, 79.1914,
73.8885

449.4825,
492.2036, 493.2416

51.7271, 59.0532,
54.2066

118.0980,
132.2283, 126.4703

37.0110, 42.6559,
38.3725

148.8470,
165.8957, 160.2073

25.3897, 29.6153,
25.9679

184.5177,
204.8417, 199.4663

16.4979, 19.5467,
16.5741

225.4752,
249.4507, 244.6659

9.9702, 12.0660,
9.7725

272.0852,
300.1069, 296.2248

5.4414, 6.7886,
5.1448

324.7128,

2.5459, 3.3303,

357.1949, 354.5613

2.2722

383.7234,
421.0990, 420.0940

■ 0.9184, 1.3065,
0.7156

■ 0.0000, 0.1462,
0.0000

■ 69.9034, 79.1914,
73.8885

■ 69.9034, 79.1914,
73.8885

■ 61.4554, 75.1578,
59.0719

■ 79.5564, 83.8005,
91.0363

■ 54.1588, 71.6674,
46.4810

■ 89.2870, 88.4740,
106.9790

■ 47.9654, 68.6999,
36.0098

■ 42.8210, 66.2300,
27.5418

■ 38.6669, 64.2301,
20.9492

■ 35.4386, 62.6701,
16.0893

■ 33.0638, 61.5162,
12.7992

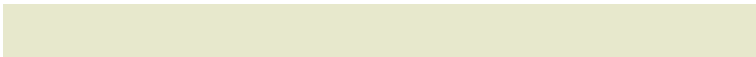
■ 31.4587, 60.7294,
10.8849

■ 30.5177, 60.2624,
10.0234

Harmonies

Analogous

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



72.8005, 79.1914, 68.4908



69.9034, 79.1914, 73.8885



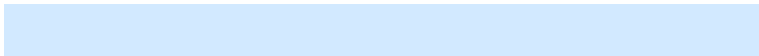
68.4580, 79.1914, 82.9042

Triad

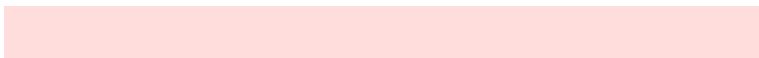
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9034, 79.1914, 73.8885



74.1001, 79.1914, 107.9588



82.1418, 79.1914, 79.2731

Complementary

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



69.9034, 79.1914, 73.8885



72.2912, 70.4689, 89.1526

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.



82.5175, 79.1914, 89.6354



69.9034, 79.1914, 73.8885



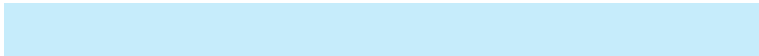
77.7928, 79.1914, 106.7855

Square

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



69.9034, 79.1914, 73.8885



70.8280, 79.1914, 102.9512



80.9025, 79.1914, 99.8656



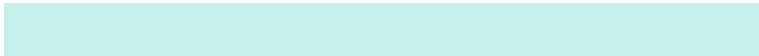
79.8920, 79.1914, 71.4180

Rectangle

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



69.9034, 79.1914, 73.8885



68.4785, 79.1914, 90.0009



80.9025, 79.1914, 99.8656



82.4943, 79.1914, 82.5581

Sweetspot

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



69.9056, 79.1948, 73.8902



91.4225, 98.2695, 102.4285



75.5614, 80.7547, 73.8932



19.3655, 20.9370, 21.5631



0.0000, 0.0000, 0.0000



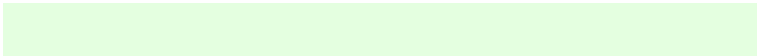
20.3446, 21.4041, 23.3091

Same Dimension

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



69.9056, 79.1948, 73.8902



81.3348, 93.4542, 84.5574



70.1738, 79.2013, 79.8580



15.0432, 16.9523, 15.9980



16.8788, 33.2458, 5.5275



1.3821, 2.6398, 0.4367

Inverse Universe

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



72.2912, 70.4689, 89.1526



84.6605, 81.2886, 105.8359



72.0311, 70.4790, 82.6281



15.5188, 15.2127, 19.0407



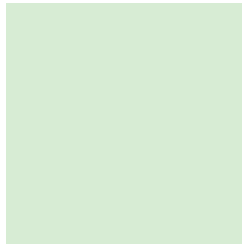
22.5301, 10.6506, 44.6113



1.8211, 0.8631, 3.5055

Previews

White Background



This preview shows how the XYZ color 69.9034, 79.1914, 73.8885 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 69.9034, 79.1914, 73.8885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

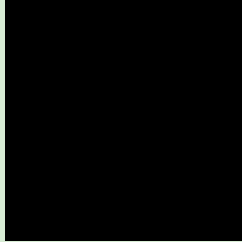
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

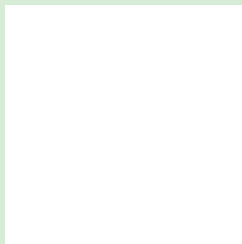
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9034, 79.1914, 73.8885

Background



This preview shows how black text looks on a background with the XYZ color 69.9034, 79.1914, 73.8885.

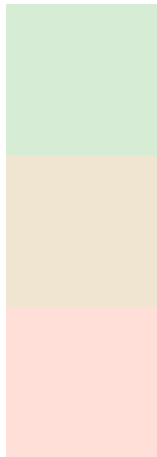


This preview shows how white text looks on a background with the XYZ color 69.9034, 79.1914,

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

69.9034, 79.1914, 73.8885

Protanopia

75.0011, 78.9434, 70.9591

Deuteranopia

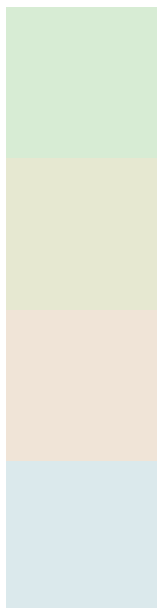
80.0223, 78.9932, 75.9953



Tritanopia

75.4936, 79.3635, 100.9623

Trichromacy



Original Color

69.9034, 79.1914, 73.8885

Protanomaly

72.9984, 79.1397, 71.7497

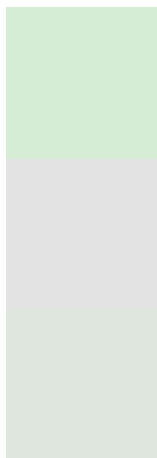
Deuteranomaly

75.9443, 78.9184, 75.5201

Tritanomaly

73.4927, 79.3940, 90.8080

Monochromacy



Original Color

69.9034, 79.1914, 73.8885

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.9131, 77.5555, 80.2867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9034, 79.1914, 73.8885 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(215, 236, 212) looks like.

```
.text, #text, p{  
    color:rgb(215, 236, 212)  
}
```

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(215, 236, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 236, 212) }
```

Border

The CSS property to change the border of an element to XYZ 69.9034, 79.1914, 73.8885 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(215, 236, 212) }
```


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

```
.border{ border-color:rgb(215, 236, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 236, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 236, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 236, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 236,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9034, 79.1914, 73.8885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 236, 212) }
```

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

```
.background{ background-color: rgb(215,  
236, 212) }
```

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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