

Converting Colors

XYZ(70.5543, 79.9177, 74.3405)

Have a look what the booklet for
XYZ(70.5543, 79.9177, 74.3405)
contains.

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Color

**XYZ(70.6133, 79.9714,
74.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EDD5
RGB	216, 237, 213
RGB Percent	85%, 93%, 84%
CMY	0.1529, 0.0706, 0.1647
CMYK	0.09, 0.00, 0.10, 0.07
HSL	113°, 40%, 88%
HSV	113°, 10%, 93%
XYZ	70.6133, 79.9714, 74.6651
YIQ	227.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

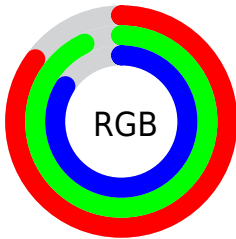
Format	Color
R _Y B	213, 237, 234
Decimal	14216661
CIE Lab	91.67, -11.26, 9.28
CIE LCh	92, 14.585, 140.509
Yxy	79.9714, 0.3135, 0.3550
Android (android.graphics.Color)	4292406741 (0xFFD8EDD5)
YUV	227.9850, -7.3876, -10.5108
Hunter-Lab	89.4267, -15.5493, 13.0957

Details

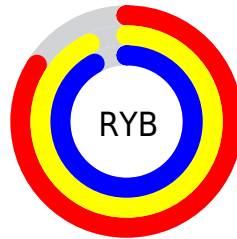
The XYZ color **70.6133, 79.9714, 74.6651** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0152, 71.1976, 90.0191**, and the grayscale version is **73.7885, 77.6313, 84.5405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3934, 43.0934, 38.6948** is the 20% darker color. If you saturate the color by 10%, you get **62.0773, 75.8958, 59.6933**, and if you desaturate by 10%, it is **80.3667, 84.6284, 91.9921**.

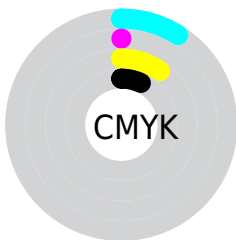
Distribution



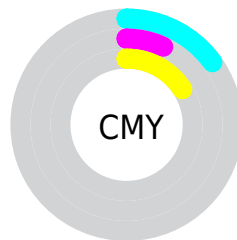
- Red (85%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (92%)



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



- Cyan (15%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6133, 79.9714, 74.6651 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 70.6133, 79.9714, 74.6651 by changing the saturation by 10% instead.

70.6133, 79.9714,
74.6651

70.6133, 79.9714,
74.6651

451.9334,
494.8364, 495.9904

52.3081, 59.6948,
54.8385

119.1045,
133.3255, 127.5809

37.4760, 43.1727,
38.8747

150.0211,
167.1719, 161.5072

25.7516, 30.0206,
26.3552

185.8723,
206.3102, 200.9705

16.7696, 19.8543,
16.8614

227.0233,
251.1250, 246.3893

10.1646, 12.2891,
9.9748

273.8396,
302.0006, 298.1821

5.5714, 6.9409,
5.2769

326.6865,

2.6244, 3.4252,

359.3215, 356.7675

2.3490

385.9293,
423.4720, 422.5641

■ 0.9584, 1.3575,
0.7585

■ 0.0000, 0.1851,
0.0000

■ 70.6133, 79.9714,
74.6651

■ 70.6133, 79.9714,
74.6651

■ 62.0773, 75.8958,
59.6933

■ 80.3667, 84.6284,
91.9921

■ 54.7045, 72.3689,
46.9700

■ 89.5758, 89.0515,
107.0753

■ 48.4461, 69.3704,
36.3884

■ 43.2477, 66.8745,
27.8305

■ 39.0497, 64.8535,
21.1673

■ 35.7871, 63.2770,
16.2549

■ 33.3868, 62.1107,
12.9286

■ 31.7642, 61.3154,
10.9926

■ 30.8100, 60.8418,
10.1198

Harmonies

Analogous

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



73.5273, 79.9714, 69.2332



70.6133, 79.9714, 74.6651



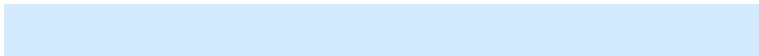
69.1594, 79.9714, 83.7350

Triad

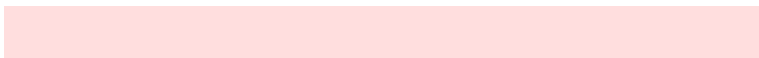
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6133, 79.9714, 74.6651



74.8350, 79.9714, 108.9260



82.9216, 79.9714, 80.0810

Complementary

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



70.6133, 79.9714, 74.6651



73.0152, 71.1976, 90.0191

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.



83.2996, 79.9714, 90.5031



70.6133, 79.9714, 74.6651



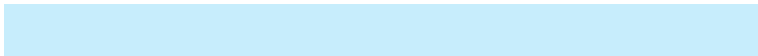
78.5488, 79.9714, 107.7461

Square

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



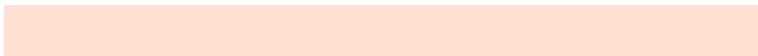
70.6133, 79.9714, 74.6651



71.5437, 79.9714, 103.8928



81.6758, 79.9714, 100.7896



80.6593, 79.9714, 72.1782

Rectangle

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



70.6133, 79.9714, 74.6651



69.1802, 79.9714, 90.8725



81.6758, 79.9714, 100.7896



83.2761, 79.9714, 83.3853

Sweetspot

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



70.6155, 79.9748, 74.6668



91.4225, 98.2695, 102.4285



76.3047, 81.5443, 74.6699



19.3655, 20.9370, 21.5631



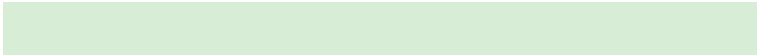
0.0000, 0.0000, 0.0000



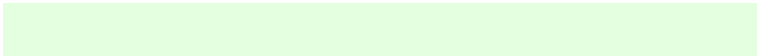
20.3446, 21.4041, 23.3091

Same Dimension

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



70.6155, 79.9748, 74.6668



81.3348, 93.4541, 84.5574



70.8853, 79.9813, 80.6709



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.



73.0152, 71.1976, 90.0191



84.6605, 81.2886, 105.8359



72.7535, 71.2077, 83.4574



15.5188, 15.2127, 19.0407



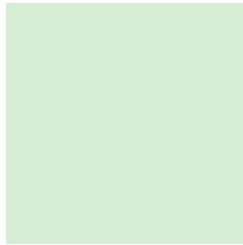
22.5303, 10.6507, 44.6113



1.8211, 0.8631, 3.5055

Previews

White Background



This preview shows how the XYZ color 70.6133, 79.9714, 74.6651 looks on a white background.

Color Contrast Check

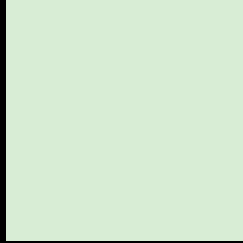
Large Text (above 18pt) WCAG AA × Fail

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 70.6133, 79.9714, 74.6651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

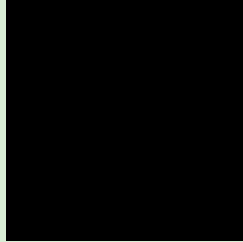
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

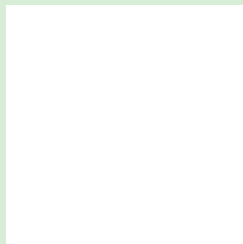
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6133, 79.9714, 74.6651

Background



This preview shows how black text looks on a background with the XYZ color 70.6133, 79.9714, 74.6651.



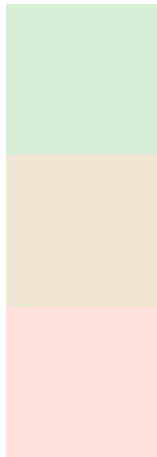
This preview shows how white text looks on a background with the XYZ color 70.6133, 79.9714,

74.6651.

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

70.6133, 79.9714, 74.6651

Protanopia

75.7406, 79.7223, 71.7176

Deuteranopia

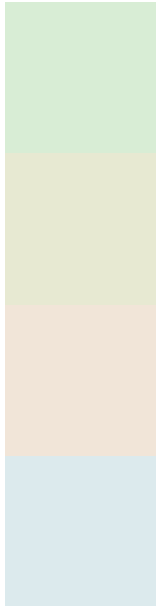
80.5505, 79.6333, 77.4550



Tritanopia

76.2361, 80.1449, 101.8939

Trichromacy



Original Color

70.6133, 79.9714, 74.6651

Protanomaly

73.7268, 79.9199, 72.5130

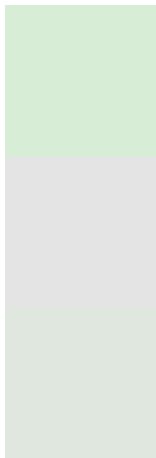
Deuteranomaly

76.6896, 79.6973, 76.3069

Tritanomaly

74.2241, 80.1757, 91.6842

Monochromacy



Original Color

70.6133, 79.9714, 74.6651

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.6357, 78.3268, 81.1023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6133, 79.9714, 74.6651 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(216, 237, 213) looks like.

```
.text, #text, p{  
    color:rgb(216, 237, 213)  
}
```

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(216, 237, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 237, 213) }
```

Border

The CSS property to change the border of an element to XYZ 70.6133, 79.9714, 74.6651 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(216, 237, 213) }
```


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

```
.border{ border-color:rgb(216, 237, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 237, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 237, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 237, 213);  
box-shadow:4px 4px 4px 4px rgb(216, 237,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6133, 79.9714, 74.6651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 237, 213) }
```

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

```
.background{ background-color: rgb(216,  
237, 213) }
```

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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