

Converting Colors

XYZ(71.1616, 82.5054, 71.8490)

Have a look what the booklet for XYZ(71.1616, 82.5054, 71.8490) contains.

XYZ(71.1616, 82.5054, 71.8490) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(71.1616, 82.5054,
71.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F2D0
RGB	215, 242, 208
RGB Percent	84%, 95%, 82%
CMY	0.1569, 0.0510, 0.1843
CMYK	0.11, 0.00, 0.14, 0.05
HSL	108°, 57%, 88%
HSV	108°, 14%, 95%
XYZ	71.1616, 82.5054, 71.8490
YIQ	230.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

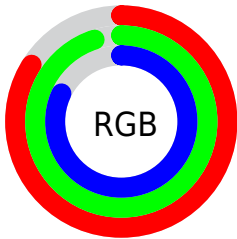
Format	Color
R _Y B	208, 242, 235
Decimal	14152400
CIE Lab	92.80, -14.94, 13.46
CIE LCh	93, 20.108, 137.975
Yxy	82.5054, 0.3156, 0.3659
Android (android.graphics.Color)	4292342480 (0xFFD7F2D0)
YUV	230.0510, -10.8711, -13.1997
Hunter-Lab	90.8325, -19.1132, 16.6840

Details

The XYZ color **71.1616, 82.5054, 71.8490** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.8472, 69.1870, 93.5237**, and the grayscale version is **75.3341, 79.2573, 86.3112**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8888, 44.9245, 37.2462** is the 20% darker color. If you saturate the color by 10%, you get **63.0930, 78.6665, 57.0971**, and if you desaturate by 10%, it is **80.3521, 86.8750, 89.0283**.

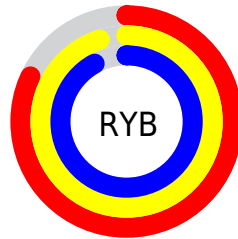
Distribution



Red (84%)

Green (95%)

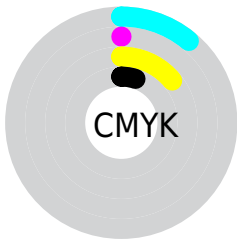
Blue (82%)



Red (82%)

Yellow (95%)

Blue (92%)

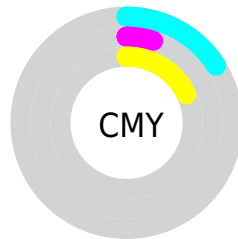


Cyan (11%)

Magenta (0%)

Yellow (14%)

Black (5%)



Cyan (16%)

Magenta (5%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1616, 82.5054, 71.8490 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 71.1616, 82.5054, 71.8490 by changing the saturation by 10% instead.

71.1616, 82.5054,
71.8490

71.1616, 82.5054,
71.8490

453.8212,
503.3367, 485.9793

52.7571, 61.7822,
52.5493

119.8811,
136.8825, 123.5475

37.8356, 44.8567,
37.0578

150.9267,
171.3052, 156.7834

26.0317, 31.3446,
24.9561

186.9168,
211.0633, 195.5018

16.9802, 20.8614,
15.8256

228.2167,
256.5410, 240.1211

10.3156, 13.0227,
9.2478

275.1917,
308.1228, 291.0600

5.6726, 7.4442,
4.8042

328.2072,

2.6858, 3.7414,

366.1931, 348.7369

2.0761

387.6286,
431.1362, 413.5705

■ 0.9899, 1.5300,
0.6015

■ 0.0000, 0.3097,
0.0000

■ 71.1616, 82.5054,
71.8490

■ 71.1616, 82.5054,
71.8490

■ 63.0930, 78.6665,
57.0971

■ 80.3521, 86.8750,
89.0283

■ 56.0961, 75.3275,
44.6580

■ 90.4719, 91.6928,
107.5378

■ 50.1270, 72.4708,
34.4160

■ 91.0438, 91.9875,
107.5646

■ 45.1359, 70.0735,
26.2433

■ 41.0688, 68.1109,
19.9988

■ 37.8663, 66.5556,
15.5239

■ 35.4612, 65.3773,
12.6348

■ 33.7755, 64.5403,
11.1071

■ 33.0600, 64.1809,
10.6457

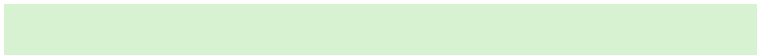
Harmonies

Analogous

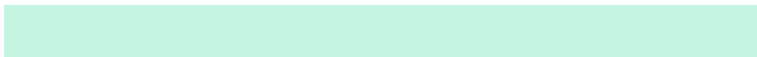
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3469, 82.5054, 65.0617



71.1616, 82.5054, 71.8490



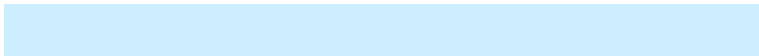
68.9609, 82.5054, 83.9492

Triad

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



71.1616, 82.5054, 71.8490



76.3361, 82.5054, 121.1558



88.4105, 82.5054, 81.2105

Complementary

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



71.1616, 82.5054, 71.8490



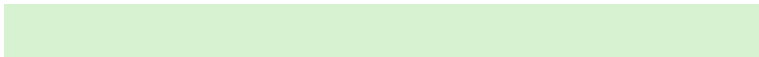
72.8472, 69.1870, 93.5237

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.



88.7045, 82.5054, 95.9884



71.1616, 82.5054, 71.8490



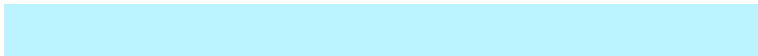
81.5733, 82.5054, 120.2108

Square

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



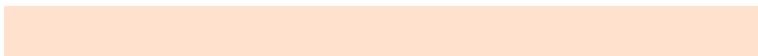
71.1616, 82.5054, 71.8490



71.8579, 82.5054, 113.0493



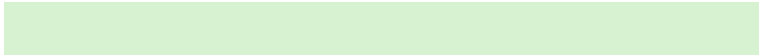
86.1536, 82.5054, 110.5955



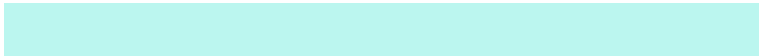
85.3676, 82.5054, 70.0372

Rectangle

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



71.1616, 82.5054, 71.8490



68.8473, 82.5054, 93.9026



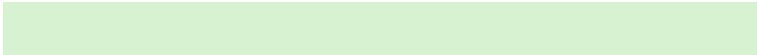
86.1536, 82.5054, 110.5955



88.8389, 82.5054, 85.8854

Sweetspot

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



71.1638, 82.5089, 71.8508



90.5333, 97.8563, 100.3427



77.6100, 82.6420, 71.5367



19.2011, 20.8613, 21.1440



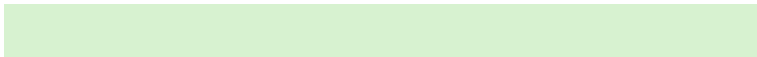
0.0000, 0.0000, 0.0000



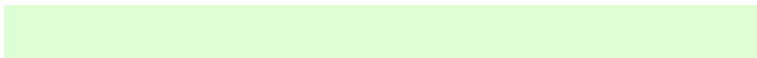
20.3446, 21.4041, 23.3091

Same Dimension

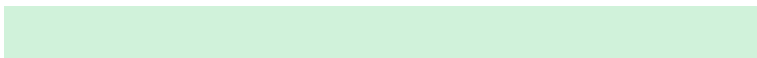
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1638, 82.5089, 71.8508



77.2885, 91.5610, 75.6556



70.3740, 81.9606, 78.1912



15.8698, 17.8131, 16.7516



17.8492, 34.5232, 5.7229



1.5644, 2.9130, 0.4798

Inverse Universe

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



72.8472, 69.1870, 93.5237



79.5391, 73.7389, 104.6486



73.7944, 69.8382, 86.2114



16.1171, 15.8576, 19.9330



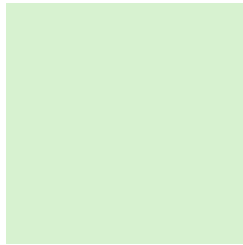
20.4298, 9.5373, 45.8920



1.7789, 0.8343, 3.8215

Previews

White Background



This preview shows how the XYZ color 71.1616, 82.5054, 71.8490 looks on a white background.

Color Contrast Check

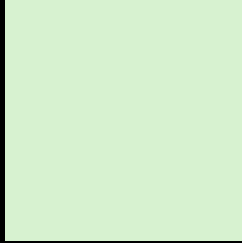
Large Text (above 18pt) WCAG AA × Fail

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 71.1616, 82.5054, 71.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

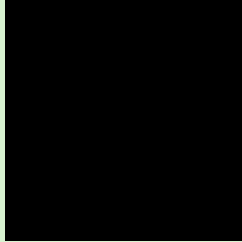
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

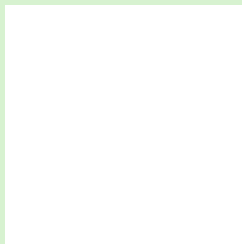
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1616, 82.5054, 71.8490

Background



This preview shows how black text looks on a background with the XYZ color 71.1616, 82.5054, 71.8490.



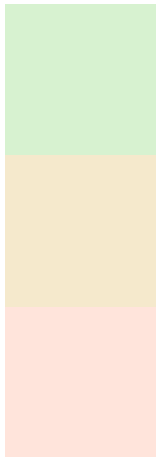
This preview shows how white text looks on a background with the XYZ color 71.1616, 82.5054,

71.8490.

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

71.1616, 82.5054, 71.8490

Protanopia

77.6942, 82.0499, 68.8690

Deuteranopia

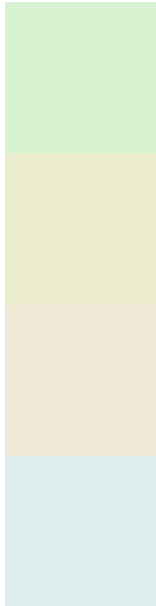
81.7696, 81.8613, 78.5089



Tritanopia

77.7219, 82.1020, 105.5168

Trichromacy



Original Color

71.1616, 82.5054, 71.8490

Protanomaly

74.9466, 81.8911, 69.6141

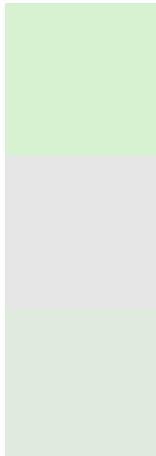
Deuteranomaly

77.3398, 81.7094, 75.9852

Tritanomaly

75.0740, 82.3236, 92.0540

Monochromacy



Original Color

71.1616, 82.5054, 71.8490

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.6590, 80.1271, 80.6911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1616, 82.5054, 71.8490 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, 242, 208)` looks like.

```
.text, #text, p{  
    color:rgb(215, 242, 208)  
}
```

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, 242, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 242, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.1616, 82.5054, 71.8490 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, 242, 208) }
```


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

```
.border{ border-color:rgb(215, 242, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 242, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 242, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 242, 208);  
box-shadow:4px 4px 4px 4px rgb(215, 242,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1616, 82.5054, 71.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 242, 208) }
```

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

```
.background{ background-color: rgb(215,  
242, 208) }
```

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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