

Converting Colors

XYZ(71.7515, 81.8984, 82.6637)

Have a look what the booklet for
XYZ(71.7515, 81.8984, 82.6637)
contains.

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Color

**XYZ(71.4786, 81.5509,
82.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F0E0
RGB	211, 240, 224
RGB Percent	83%, 94%, 88%
CMY	0.1725, 0.0588, 0.1216
CMYK	0.12, 0.00, 0.07, 0.06
HSL	147°, 49%, 88%
HSV	147°, 12%, 94%
XYZ	71.4786, 81.5509, 82.4946
YIQ	229.5050, -12.1480, -11.1240

Conversions

Conversions Part 2

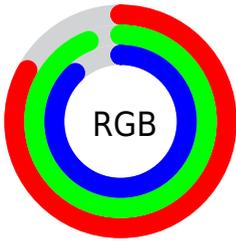
Format	Color
R _Y B	211, 231, 240
Decimal	13889760
CIE Lab	92.38, -12.45, 4.53
CIE LCh	92, 13.247, 160.011
Yxy	81.5509, 0.3035, 0.3463
Android (android.graphics.Color)	4292079840 (0xFFD3F0E0)
YUV	229.5050, -2.7140, -16.2289
Hunter-Lab	90.3055, -16.7484, 9.0521

Details

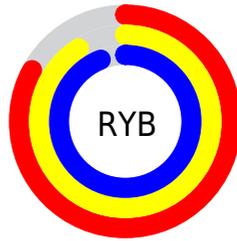
The XYZ color **71.4786, 81.5509, 82.4946** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0975, 70.6619, 82.4632**, and the grayscale version is **74.8759, 78.7752, 85.7862**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0122, 44.2135, 44.0667** is the 20% darker color. If you saturate the color by 10%, you get **63.3831, 77.5793, 73.1033**, and if you desaturate by 10%, it is **80.7452, 86.1146, 92.6744**.

Distribution



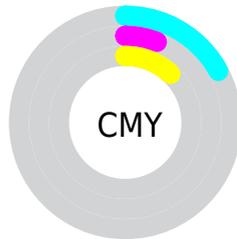
- Red (83%)
- Green (94%)
- Blue (88%)



- Red (83%)
- Yellow (91%)
- Blue (94%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (17%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4786, 81.5509, 82.4946 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 71.4786, 81.5509, 82.4946 by changing the saturation by 10% instead.

71.4786, 81.5509,
82.4946

71.4786, 81.5509,
82.4946

454.9106,
500.1442, 523.2274

53.0168, 60.9954,
61.2351

120.3298,
135.5440, 138.7103

38.0437, 44.2215,
43.9832

151.4498,
169.7505, 174.5036

26.1940, 30.8447,
30.3202

187.5201,
209.2760, 215.9785

17.1023, 20.4806,
19.8276

228.9058,
254.5051, 263.5537

10.4032, 12.7449,
12.0870

275.9723,
305.8220, 317.6476

5.7314, 7.2531,
6.6797

329.0851,

2.7215, 3.6209,

363.6113, 378.6789

3.1872

388.6094,
428.2572, 447.0660

■ 1.0083, 1.4638,
1.1910

■ 0.0000, 0.2631,
0.0000

■ 71.4786, 81.5509,
82.4946

■ 71.4786, 81.5509,
82.4946

■ 63.3831, 77.5793,
73.1033

■ 80.7452, 86.1146,
92.6744

■ 56.4033, 74.1648,
64.4763

■ 89.7336, 90.5161,
103.5858

■ 50.4895, 71.2844,
56.5958

■ 90.4517, 90.8033,
107.3672

■ 45.5854, 68.9095,
49.4414

■ 41.6292, 67.0087,
42.9917

■ 38.5520, 65.5468,
37.2241

■ 36.2750, 64.4837,
32.1147

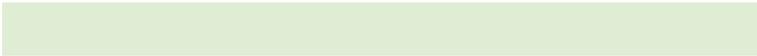
■ 34.7037, 63.7711,
27.6378

■ 33.8459, 63.3970,
24.5224

Harmonies

Analogous

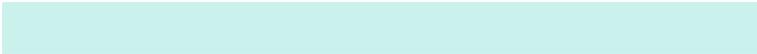
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3490, 81.5509, 75.1020



71.4786, 81.5509, 82.4946



71.1977, 81.5509, 92.1184

Triad

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



71.4786, 81.5509, 82.4946



78.6636, 81.5509, 108.7208



82.6727, 81.5509, 77.1985

Complementary

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



71.4786, 81.5509, 82.4946



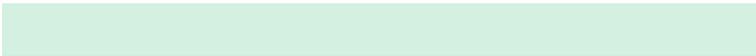
73.0975, 70.6619, 82.4632

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.



84.1883, 81.5509, 85.5526



71.4786, 81.5509, 82.4946



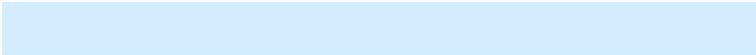
81.8289, 81.5509, 104.0589

Square

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



71.4786, 81.5509, 82.4946



75.2793, 81.5509, 107.7507



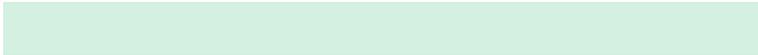
83.8750, 81.5509, 95.4084



79.7877, 81.5509, 72.2041

Rectangle

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



71.4786, 81.5509, 82.4946



71.9408, 81.5509, 98.5793



83.8750, 81.5509, 95.4084



83.3630, 81.5509, 79.6806

Sweetspot

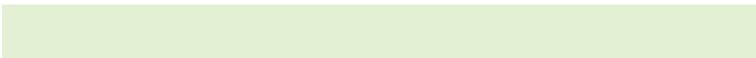
The Sweet Spot groups the original color and five complimentary colors.



71.4809, 81.5543, 82.4964



90.5034, 97.7593, 104.0263



74.7363, 83.4286, 73.7934



19.1938, 20.8370, 22.0733



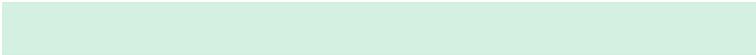
0.0000, 0.0000, 0.0000



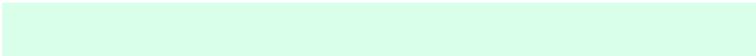
20.3446, 21.4041, 23.3091

Same Dimension

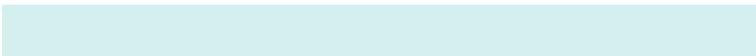
The Same Dimension uses a secret algorithm to generate beautiful new colors.



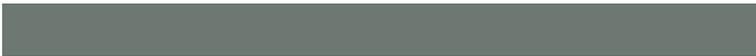
71.4809, 81.5543, 82.4964



79.1371, 92.1679, 91.3817



73.4693, 82.3497, 92.9670



15.8604, 17.7742, 18.2877



18.5917, 34.7287, 13.7649



1.5961, 2.9089, 1.4053

Inverse Universe

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



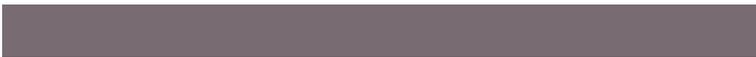
73.0975, 70.6619, 82.4632



81.3998, 76.9215, 91.3347



71.2337, 69.9163, 72.6485



16.1378, 15.9048, 18.2820



22.0355, 11.0866, 13.3692



1.8832, 0.9423, 1.3758

Previews

White Background



This preview shows how the XYZ color 71.4786, 81.5509, 82.4946 looks on a white background.

Color Contrast Check

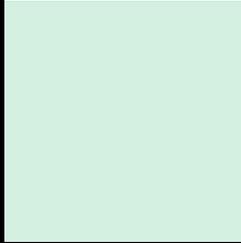
Large Text (above 18pt) WCAG AA × Fail

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 71.4786, 81.5509, 82.4946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

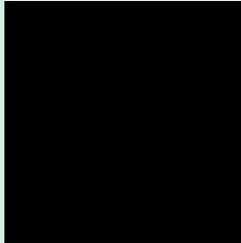
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

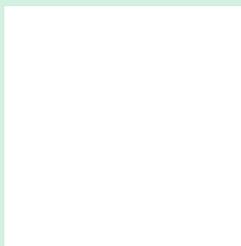
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4786, 81.5509, 82.4946

Background



This preview shows how black text looks on a background with the XYZ color 71.4786, 81.5509, 82.4946.



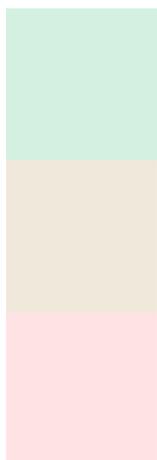
This preview shows how white text looks on a background with the XYZ color 71.4786, 81.5509,

82.4946.

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

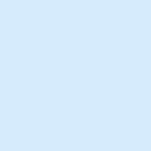
71.4786, 81.5509, 82.4946

Protanopia

77.5780, 81.3530, 78.6317

Deuteranopia

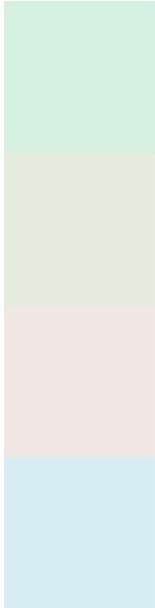
82.4399, 81.2541, 84.7374



Tritanopia

76.2037, 81.7456, 105.5280

Trichromacy



Original Color

71.4786, 81.5509, 82.4946

Protanomaly

75.0726, 81.2951, 80.1414

Deuteranomaly

78.0376, 81.0486, 84.2040

Tritanomaly

74.1934, 81.3356, 96.5829

Monochromacy



Original Color

71.4786, 81.5509, 82.4946

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.8578, 80.1350, 84.9737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4786, 81.5509, 82.4946 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, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(211, 240, 224)  
}
```

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, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 240, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.4786, 81.5509, 82.4946 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, 240, 224) }
```

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

```
.border{ border-color:rgb(211, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 240,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4786, 81.5509, 82.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 240, 224) }
```

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

```
.background{ background-color: rgb(211,  
240, 224) }
```

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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