

Converting Colors

XYZ(71.1821, 81.3665, 83.9051)

Have a look what the booklet for
XYZ(71.1821, 81.3665, 83.9051)
contains.

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Color

**XYZ(71.1821, 81.3665,
83.9051)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F0E2
RGB	209, 240, 226
RGB Percent	82%, 94%, 89%
CMY	0.1804, 0.0588, 0.1137
CMYK	0.13, 0.00, 0.06, 0.06
HSL	153°, 51%, 88%
HSV	153°, 13%, 94%
XYZ	71.1821, 81.3665, 83.9051
YIQ	229.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

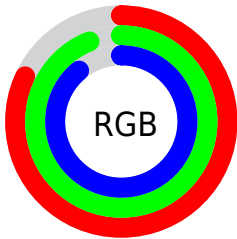
Format	Color
R _{YB}	209, 229, 240
Decimal	13758690
CIE Lab	92.29, -12.73, 3.35
CIE LCh	92, 13.160, 165.235
Yxy	81.3665, 0.3010, 0.3441
Android (android.graphics.Color)	4291948770 (0xFFD1F0E2)
YUV	229.1350, -1.5456, -17.6584
Hunter-Lab	90.2034, -16.9964, 7.9922

Details

The XYZ color **71.1821, 81.3665, 83.9051** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0579, 69.4561, 79.4244**, and the grayscale version is **74.5958, 78.4806, 85.4654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8176, 44.0913, 45.0453** is the 20% darker color. If you saturate the color by 10%, you get **63.4560, 77.5523, 76.0233**, and if you desaturate by 10%, it is **80.0297, 85.7525, 92.3338**.

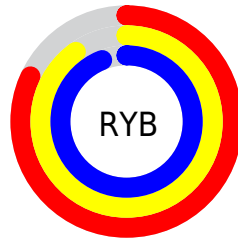
Distribution



Red (82%)

Green (94%)

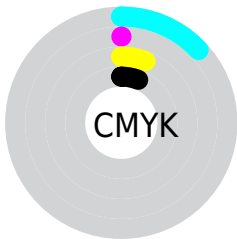
Blue (89%)



Red (82%)

Yellow (90%)

Blue (94%)

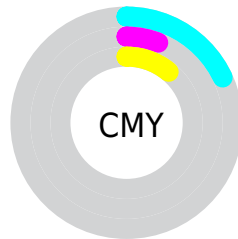


Cyan (13%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (18%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1821, 81.3665, 83.9051 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 71.1821, 81.3665, 83.9051 by changing the saturation by 10% instead.

71.1821, 81.3665,
83.9051

71.1821, 81.3665,
83.9051

453.8917,
499.5262, 528.0479

52.7739, 60.8435,
62.3922

119.9101,
135.2853, 140.7030

37.8490, 44.0989,
44.9118

150.9606,
169.4498, 176.8250

26.0422, 30.7482,
31.0455

186.9558,
208.9303, 218.6537

16.9881, 20.4072,
20.3748

228.2613,
254.1112, 266.6078

10.3212, 12.6914,
12.4810

275.2422,
305.3768, 321.1057

5.6764, 7.2164,
6.9456

328.2640,

2.6881, 3.5978,

363.1116, 382.5660

3.3502

387.6921,
427.6999, 451.4072

■ 0.9910, 1.4512,
1.2761

■ 0.0000, 0.2540,
0.0421

■ 71.1821, 81.3665,
83.9051

■ 71.1821, 81.3665,
83.9051

■ 63.4560, 77.5523,
76.0233

■ 80.0297, 85.7525,
92.3338

■ 56.7974, 74.2755,
68.6717

■ 89.2957, 90.3409,
101.2802

■ 51.1575, 71.5134,
61.8406

■ 90.4516, 90.8032,
107.3672

■ 46.4814, 69.2379,
55.5178

■ 42.7085, 67.4179,
49.6907

■ 39.7709, 66.0188,
44.3459

■ 37.5906, 65.0004,
39.4692

■ 36.0733, 64.3146,
35.0453

■ 35.2992, 63.9783,
32.1752

Harmonies

Analogous

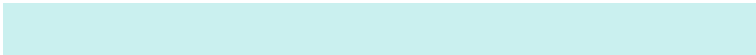
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7845, 81.3665, 76.0460



71.1821, 81.3665, 83.9051



71.1952, 81.3665, 93.6087

Triad

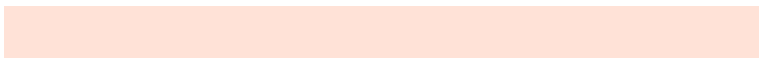
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1821, 81.3665, 83.9051



79.0680, 81.3665, 107.9266



82.0348, 81.3665, 75.9481

Complementary

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



71.1821, 81.3665, 83.9051



72.0579, 69.4561, 79.4244

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.



83.8210, 81.3665, 83.7622



71.1821, 81.3665, 83.9051



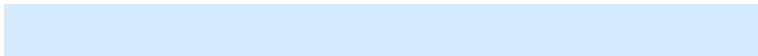
82.0742, 81.3665, 102.4521

Square

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



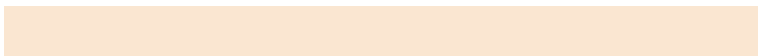
71.1821, 81.3665, 83.9051



75.6813, 81.3665, 107.9719



83.8356, 81.3665, 93.4550



79.0155, 81.3665, 71.6860

Rectangle

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



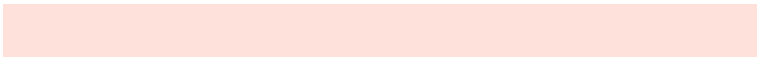
71.1821, 81.3665, 83.9051



72.1157, 81.3665, 99.8476



83.8356, 81.3665, 93.4550



82.8032, 81.3665, 78.2200

Sweetspot

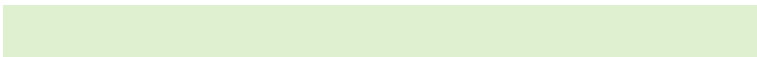
The Sweet Spot groups the original color and five complimentary colors.



71.1844, 81.3699, 83.9069



90.6635, 97.8233, 104.8691



73.2470, 82.6896, 72.4230



19.2343, 20.8532, 22.2865



0.0000, 0.0000, 0.0000



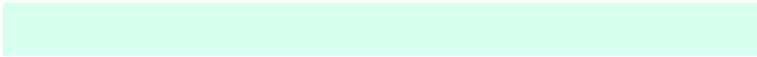
20.3446, 21.4041, 23.3091

Same Dimension

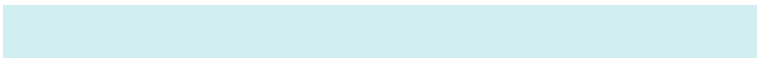
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1844, 81.3699, 83.9069



78.7735, 91.9357, 93.3865



72.8822, 81.5637, 94.3442



15.9286, 17.8014, 18.6467



19.3904, 35.0482, 17.9708



1.6632, 2.9357, 1.7589

Inverse Universe

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



72.0579, 69.4561, 79.4244



79.9922, 75.3164, 87.1343



70.5012, 69.2404, 69.9718



16.0696, 15.8776, 17.9228



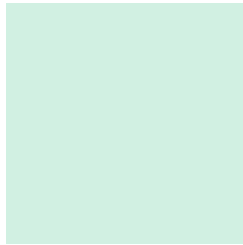
21.2300, 10.7644, 9.1279



1.8156, 0.9153, 1.0200

Previews

White Background



This preview shows how the XYZ color 71.1821, 81.3665, 83.9051 looks on a white background.

Color Contrast Check

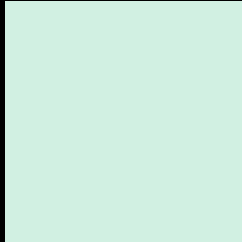
Large Text (above 18pt) WCAG AA × Fail

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 71.1821, 81.3665, 83.9051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

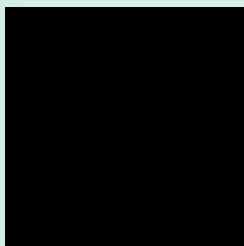
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

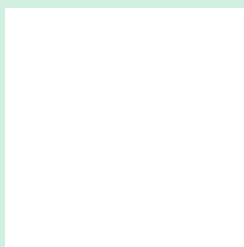
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1821, 81.3665, 83.9051

Background



This preview shows how black text looks on a background with the XYZ color 71.1821, 81.3665, 83.9051.

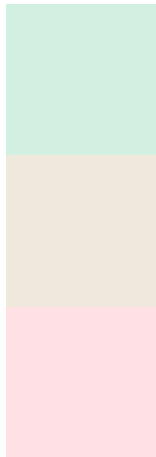


This preview shows how white text looks on a background with the XYZ color 71.1821, 81.3665,

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

71.1821, 81.3665, 83.9051

Protanopia

77.5044, 81.2844, 80.0112

Deuteranopia

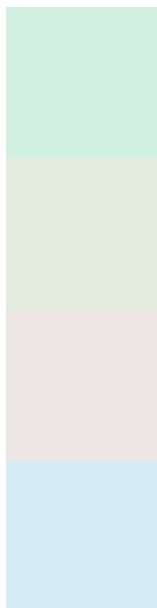
82.3081, 80.7676, 85.3803



Tritanopia

75.6164, 81.4428, 105.5006

Trichromacy



Original Color

71.1821, 81.3665, 83.9051

Protanomaly

75.0225, 81.2384, 81.5385

Deuteranomaly

77.5603, 80.3722, 84.8243

Tritanomaly

73.7647, 81.0971, 97.3534

Monochromacy



Original Color

71.1821, 81.3665, 83.9051

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.2667, 79.4089, 84.8647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1821, 81.3665, 83.9051 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(209, 240, 226)` looks like.

```
.text, #text, p{  
    color:rgb(209, 240, 226)  
}
```

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(209, 240, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 240, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.1821, 81.3665, 83.9051 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(209, 240, 226) }
```


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

```
.border{ border-color:rgb(209, 240, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 240, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 240, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 240, 226);  
box-shadow:4px 4px 4px 4px rgb(209, 240,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1821, 81.3665, 83.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 240, 226) }
```

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

```
.background{ background-color: rgb(209,  
240, 226) }
```

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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