

Converting Colors

XYZ(71.5031, 81.6689, 97.8816)

Have a look what the booklet for
XYZ(71.5031, 81.6689, 97.8816)
contains.

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Color

**XYZ(71.3376, 81.5844,
97.5754)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F1F4
RGB	199, 241, 244
RGB Percent	78%, 95%, 96%
CMY	0.2196, 0.0549, 0.0431
CMYK	0.18, 0.01, 0.00, 0.04
HSL	184°, 67%, 87%
HSV	184°, 18%, 96%
XYZ	71.3376, 81.5844, 97.5754
YIQ	228.7840, -25.9950, -7.9710

Conversions

Conversions Part 2

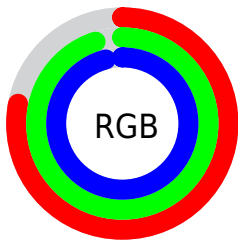
Format	Color
R_{YB}	199, 221, 244
Decimal	13103604
CIE _{Lab}	92.39, -12.81, -5.94
CIE _{LCh}	92, 14.122, 204.877
Yxy	81.5844, 0.2848, 0.3257
Android (android.graphics.Color)	4291293684 (0xFFC7F1F4)
YUV	228.7840, 7.5015, -26.1206
Hunter-Lab	90.3241, -17.0886, -0.8230

Details

The XYZ color **71.3376, 81.5844, 97.5754** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7381, 65.5976, 63.0730**, and the grayscale version is **74.2797, 78.1480, 85.1032**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9277, 44.2581, 54.1206** is the 20% darker color. If you saturate the color by 10%, you get **64.8973, 77.5556, 97.1385**, and if you desaturate by 10%, it is **78.8249, 86.1636, 98.0660**.

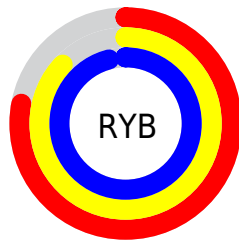
Distribution



Red (78%)

Green (95%)

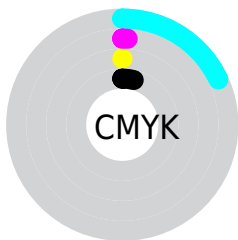
Blue (96%)



Red (78%)

Yellow (87%)

Blue (96%)

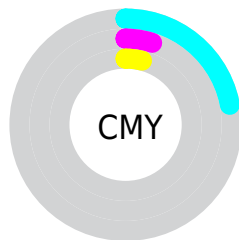


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3376, 81.5844, 97.5754 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 71.3376, 81.5844, 97.5754 by changing the saturation by 10% instead.

71.3376, 81.5844,
97.5754

71.3376, 81.5844,
97.5754

454.4262,
500.2565, 573.5710

52.9013, 61.0230,
73.6716

120.1302,
135.5910, 159.8439

37.9511, 44.2437,
54.0302

151.2172,
169.8051, 199.0458

26.1218, 30.8622,
38.2324

187.2518,
209.3388, 244.1840

17.0479, 20.4939,
25.8599

228.5994,
254.5766, 295.6773

10.3642, 12.7546,
16.4940

275.6252,
305.9029, 353.9441

5.7052, 7.2598,
9.7163

328.6947,

2.7056, 3.6251,

363.7020, 419.4029

5.1081

388.1733,
428.3584, 492.4724

■ 1.0001, 1.4661,
2.2510

■ 0.0000, 0.2647,
0.7036

■ 71.3376, 81.5844,
97.5754

■ 71.3376, 81.5844,
97.5754

■ 64.8973, 77.5556,
97.1385

■ 78.8249, 86.1636,
98.0660

■ 59.4476, 74.0416,
96.7475

■ 87.3982, 91.3069,
98.6069

■ 54.9374, 71.0184,
96.4017

■ 90.4885, 93.6301,
98.8924

■ 51.3083, 68.4556,
96.0983

■ 90.9846, 94.6222,
99.0578

48.4952, 66.3199,
95.8343

91.4851, 95.6231,
99.2246

46.4243, 64.5730,
95.6063

91.9898, 96.6326,
99.3928

45.0080, 63.1699,
95.4101

92.4989, 97.6509,
99.5625

44.1220, 62.0465,
95.2399

93.0124, 98.6779,
99.7337

44.0049, 61.8828,
95.2145

93.3294, 99.3118,
99.8393

Harmonies

Analogous

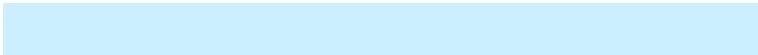
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7486, 81.5844, 87.0455



71.3376, 81.5844, 97.5754



73.5679, 81.5844, 106.3422

Triad

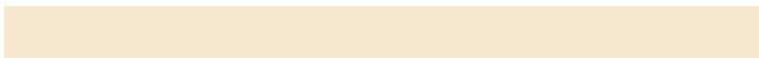
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3376, 81.5844, 97.5754



83.4383, 81.5844, 100.9288



78.1731, 81.5844, 70.2454

Complementary

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



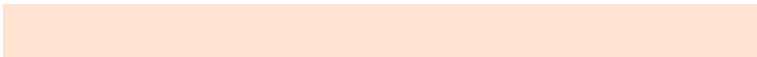
71.3376, 81.5844, 97.5754



68.7381, 65.5976, 63.0730

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.



81.6599, 81.5844, 73.3571



71.3376, 81.5844, 97.5754



84.7601, 81.5844, 90.6419

Square

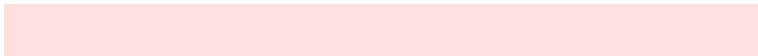
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3376, 81.5844, 97.5754



80.5394, 81.5844, 108.3824



84.0993, 81.5844, 80.6263



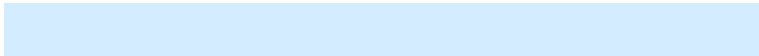
74.6229, 81.5844, 71.7857

Rectangle

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



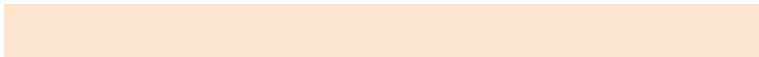
71.3376, 81.5844, 97.5754



75.7235, 81.5844, 109.7252



84.0993, 81.5844, 80.6263



79.3925, 81.5844, 70.7744

Sweetspot

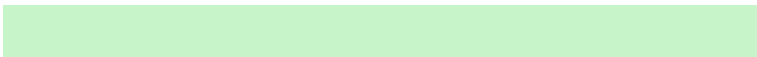
The Sweet Spot groups the original color and five complimentary colors.



71.3400, 81.5878, 97.5772



89.3192, 96.5645, 108.5389



66.4773, 81.0737, 67.5591



18.9902, 20.5917, 23.2237



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

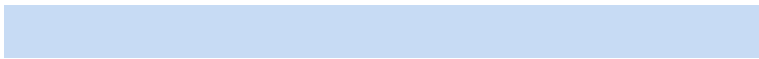
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3400, 81.5878, 97.5772



76.1564, 88.5080, 107.6776



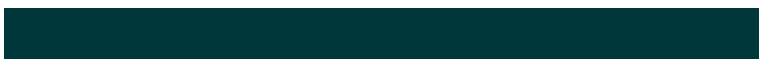
65.2805, 69.4688, 95.5574



16.8967, 18.5577, 21.2340



23.9674, 33.7286, 51.7851



2.1344, 3.0203, 4.5607

Inverse Universe

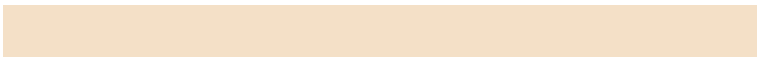
The Inverse Universe completely reimagines the original color for something new.



73.6107, 66.4325, 92.1661



79.0947, 69.0426, 100.6431



74.2069, 76.5351, 64.8959



17.1632, 16.7481, 20.6059



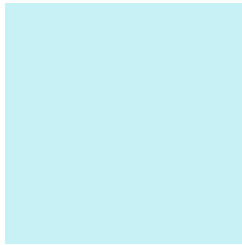
27.9022, 13.5043, 41.0547



2.4664, 1.1925, 3.6826

Previews

White Background



This preview shows how the XYZ color 71.3376, 81.5844, 97.5754 looks on a white background.

Color Contrast Check

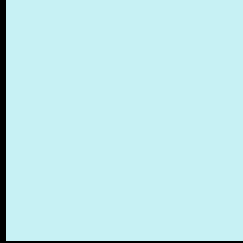
Large Text (above 18pt) WCAG AA × Fail

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 71.3376, 81.5844, 97.5754 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 71.3376, 81.5844, 97.5754

Background



This preview shows how black text looks on a background with the XYZ color 71.3376, 81.5844, 97.5754.

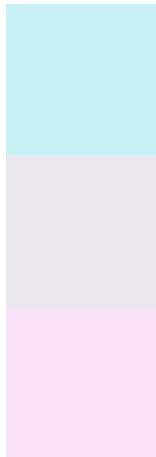


This preview shows how white text looks on a background with the XYZ color 71.3376, 81.5844,

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

71.3376, 81.5844, 97.5754

Protanopia

78.2695, 80.9870, 92.3957

Deuteranopia

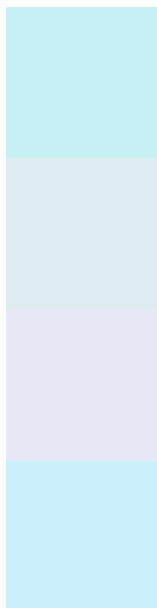
83.0518, 81.2478, 99.3008



Tritanopia

74.0781, 81.4909, 106.4327

Trichromacy



Original Color

71.3376, 81.5844, 97.5754

Protanomaly

75.5607, 81.2375, 94.1360

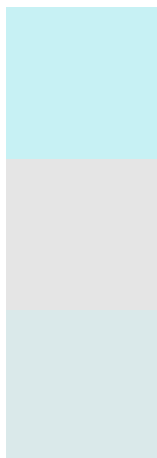
Deuteranomaly

78.1655, 80.7946, 98.6639

Tritanomaly

72.9077, 81.3945, 103.1349

Monochromacy



Original Color

71.3376, 81.5844, 97.5754

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

72.9036, 79.1238, 89.2719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3376, 81.5844, 97.5754 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(199, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(199, 241, 244)  
}
```

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(199, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 241, 244) }
```

Border

The CSS property to change the border of an element to XYZ 71.3376, 81.5844, 97.5754 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(199, 241, 244) }
```


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

```
.border{ border-color:rgb(199, 241, 244) }
```

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

Here you see how a box with a 4 pixel rgb(199, 241, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(199, 241,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3376, 81.5844, 97.5754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 241, 244) }
```

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

```
.background{ background-color: rgb(199,  
241, 244) }
```

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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