

Converting Colors

XYZ(71.0840, 83.1708, 98.6148)

Have a look what the booklet for
XYZ(71.0840, 83.1708, 98.6148)
contains.

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Color

**XYZ(71.1262, 83.2348,
98.7034)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F5F5
RGB	193, 245, 245
RGB Percent	76%, 96%, 96%
CMY	0.2431, 0.0392, 0.0392
CMYK	0.21, 0.00, 0.00, 0.04
HSL	180°, 72%, 86%
HSV	180°, 21%, 96%
XYZ	71.1262, 83.2348, 98.7034
YIQ	229.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

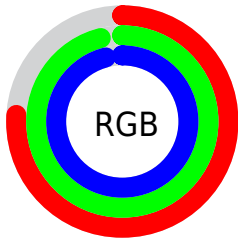
Format	Color
R _Y B	193, 219, 245
Decimal	12711413
CIE Lab	93.12, -16.39, -5.43
CIE LCh	93, 17.266, 198.327
Yxy	83.2348, 0.2811, 0.3289
Android (android.graphics.Color)	4290901493 (0xFFC1F5F5)
YUV	229.4520, 7.6652, -31.9684
Hunter-Lab	91.2331, -20.4976, -0.2816

Details

The XYZ color **71.1262, 83.2348, 98.7034** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3548, 61.4051, 58.8107**, and the grayscale version is **74.7727, 78.6667, 85.6680**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **37.8641, 45.4726, 54.9255** is the 20% darker color. If you saturate the color by 10%, you get **65.3910, 80.2804, 98.4356**, and if you desaturate by 10%, it is **77.9009, 86.7294, 99.0233**.

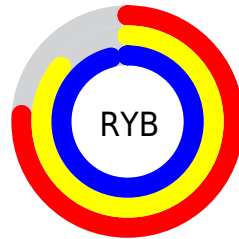
Distribution



Red (76%)

Green (96%)

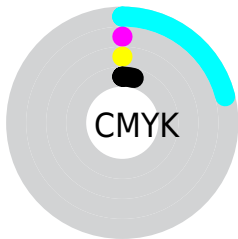
Blue (96%)



Red (76%)

Yellow (86%)

Blue (96%)

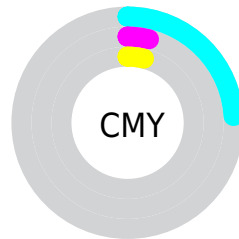


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1262, 83.2348, 98.7034 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 71.1262, 83.2348, 98.7034 by changing the saturation by 10% instead.

71.1262, 83.2348,
98.7034

71.1262, 83.2348,
98.7034

453.6995,
505.7687, 577.2387

52.7281, 62.3839,
74.6073

119.8309,
137.9043, 161.4105

37.8124, 45.3429,
54.7914

150.8683,
172.4916, 200.8586

26.0136, 31.7276,
38.8373

186.8494,
212.4265, 246.2611

16.9666, 21.1536,
26.3263

228.1397,
258.0934, 298.0366

10.3058, 13.2363,
16.8400

275.1045,
309.8767, 356.6035

5.6660, 7.5915,
9.9597

328.1092,

2.6818, 3.8347,

368.1607, 422.3805

5.2670

387.5190,
433.3299, 495.7861

■ 0.9878, 1.5815,
2.3433

■ 0.0000, 0.3451,
0.7553

■ 71.1262, 83.2348,
98.7034

■ 71.1262, 83.2348,
98.7034

■ 65.3910, 80.2804,
98.4356

■ 77.9009, 86.7294,
99.0233

■ 60.6371, 77.8297,
98.2120

■ 85.7553, 90.7785,
99.3920

■ 56.8117, 75.8576,
98.0319

■ 90.3762, 93.1606,
99.6094

■ 53.8541, 74.3330,
97.8924

■ 90.3764, 93.1607,
99.6106

51.6965, 73.2207,
97.7903

90.3766, 93.1608,
99.6117

50.2610, 72.4807,
97.7220

90.3768, 93.1609,
99.6128

49.4540, 72.0647,
97.6831

90.3770, 93.1609,
99.6140

49.1338, 71.8997,
97.6671

90.3772, 93.1610,
99.6151

90.3775, 93.1611,
99.6162

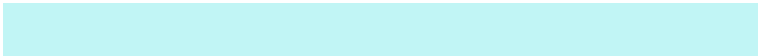
Harmonies

Analogous

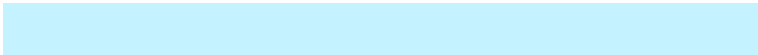
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8826, 83.2348, 85.6732



71.1262, 83.2348, 98.7034



73.4595, 83.2348, 110.5741

Triad

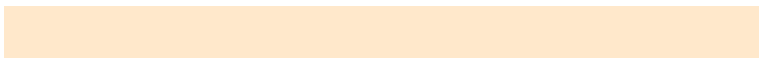
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1262, 83.2348, 98.7034



85.8003, 83.2348, 108.2520



80.8881, 83.2348, 68.3223

Complementary

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



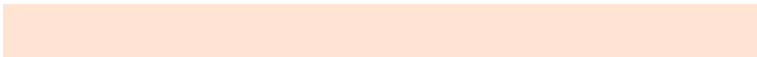
71.1262, 83.2348, 98.7034



66.3548, 61.4051, 58.8107

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.



85.0477, 83.2348, 73.2385



71.1262, 83.2348, 98.7034



87.9552, 83.2348, 95.7714

Square

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



71.1262, 83.2348, 98.7034



81.8836, 83.2348, 116.4393



87.6746, 83.2348, 83.0066



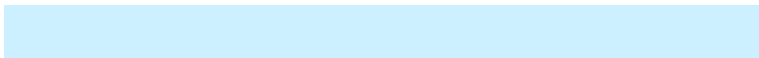
76.4040, 83.2348, 68.9452

Rectangle

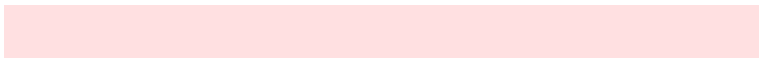
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1262, 83.2348, 98.7034



75.9379, 83.2348, 115.8514



87.6746, 83.2348, 83.0066



82.3737, 83.2348, 69.3612

Sweetspot

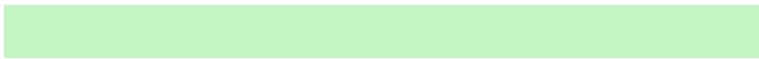
The Sweet Spot groups the original color and five complimentary colors.



71.1286, 83.2382, 98.7053



89.6433, 97.2127, 108.6462



64.4945, 80.6102, 62.6139



19.0671, 20.7455, 23.2491



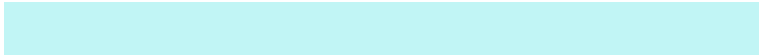
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



71.1286, 83.2382, 98.7053



75.3582, 89.8486, 107.9754



64.0345, 69.0492, 96.3428



16.9967, 18.7578, 21.2671



26.4683, 38.7321, 52.6131



2.3263, 3.4042, 4.6242

Inverse Universe

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



66.3548, 61.4051, 58.8107



69.3573, 62.4035, 57.8263



72.3908, 73.4777, 60.8211



16.4992, 16.4825, 17.1096



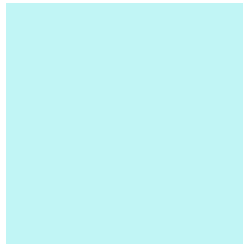
20.2862, 10.4579, 0.9497



1.7830, 0.9192, 0.0835

Previews

White Background



This preview shows how the XYZ color 71.1262, 83.2348, 98.7034 looks on a white background.

Color Contrast Check

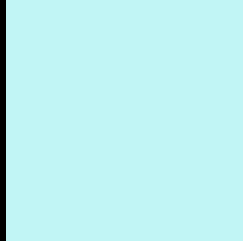
Large Text (above 18pt) WCAG AA × Fail

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 71.1262, 83.2348, 98.7034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

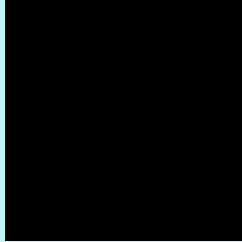
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1262, 83.2348, 98.7034

Background



This preview shows how black text looks on a background with the XYZ color 71.1262, 83.2348, 98.7034.

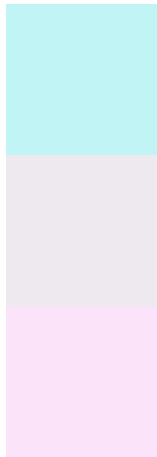


This preview shows how white text looks on a background with the XYZ color 71.1262, 83.2348,

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

71.1262, 83.2348, 98.7034

Protanopia

79.8314, 82.6280, 92.6302

Deuteranopia

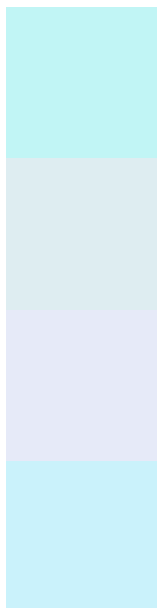
84.6259, 82.8356, 101.1511



Tritanopia

74.9422, 82.8056, 106.6409

Trichromacy



Original Color

71.1262, 83.2348, 98.7034

Protanomaly

76.2856, 82.4488, 95.1126

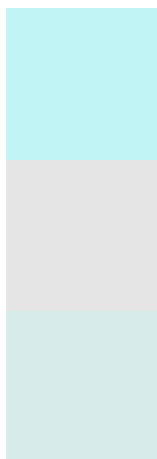
Deuteranomaly

78.9992, 82.4459, 100.5569

Tritanomaly

73.5218, 83.0259, 103.4174

Monochromacy



Original Color

71.1262, 83.2348, 98.7034

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.0226, 80.0137, 90.1928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1262, 83.2348, 98.7034 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(193, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(193, 245, 245)  
}
```

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(193, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 245, 245) }
```

Border

The CSS property to change the border of an element to XYZ 71.1262, 83.2348, 98.7034 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(193, 245, 245) }
```


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

```
.border{ border-color:rgb(193, 245, 245) }
```

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

Here you see how a box with a 4 pixel rgb(193, 245, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(193, 245,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1262, 83.2348, 98.7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 245, 245) }
```

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

```
.background{ background-color: rgb(193,  
245, 245) }
```

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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