

Converting Colors

XYZ(71.2806, 85.4783, 91.3104)

Have a look what the booklet for
XYZ(71.2806, 85.4783, 91.3104)
contains.

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Color

**XYZ(71.1192, 85.2189,
91.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F9EB
RGB	194, 249, 235
RGB Percent	76%, 98%, 92%
CMY	0.2392, 0.0235, 0.0784
CMYK	0.22, 0.00, 0.06, 0.02
HSL	165°, 82%, 87%
HSV	165°, 22%, 98%
XYZ	71.1192, 85.2189, 91.2978
YIQ	230.9590, -28.2860, -16.0140

Conversions

Conversions Part 2

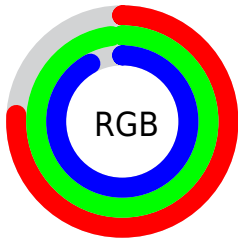
Format	Color
RYB	194, 226, 249
Decimal	12777963
CIELab	93.98, -20.11, 1.02
CIELCh	94, 20.139, 177.093
Yxy	85.2189, 0.2872, 0.3441
Android (android.graphics.Color)	4290968043 (0xFFC2F9EB)
YUV	230.9590, 1.9922, -32.4130
Hunter-Lab	92.3141, -24.0324, 5.9826

Details

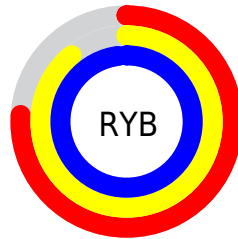
The XYZ color **71.1192, 85.2189, 91.2978** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.7469, 63.2796, 68.2161**, and the grayscale version is **75.9278, 79.8820, 86.9915**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **37.6338, 46.4429, 49.6287** is the 20% darker color. If you saturate the color by 10%, you get **64.3570, 81.8391, 86.2864**, and if you desaturate by 10%, it is **78.9896, 89.1708, 96.5351**.

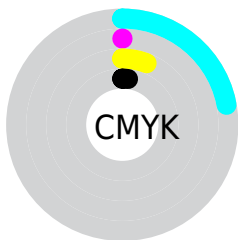
Distribution



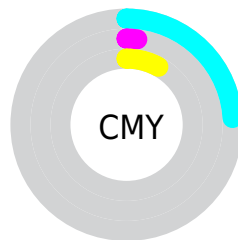
- Red (76%)
- Green (98%)
- Blue (92%)



- Red (76%)
- Yellow (89%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1192, 85.2189, 91.2978 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 71.1192, 85.2189, 91.2978 by changing the saturation by 10% instead.

71.1192, 85.2189,
91.2978

71.1192, 85.2189,
91.2978

453.6754,
512.3521, 552.9222

52.7224, 64.0223,
68.4778

119.8210,
140.6790, 151.0910

37.8078, 46.6687,
49.8174

150.8567,
175.7112, 188.9013

26.0101, 32.7738,
34.8982

186.8361,
216.1241, 232.5454

16.9639, 21.9532,
23.3015

228.1245,
262.3020, 282.4419

10.3039, 13.8225,
14.6089

275.0873,
314.6294, 339.0092

5.6647, 7.9973,
8.4018

328.0898,

2.6810, 4.0933,

373.4906, 402.6661

4.2617

387.4973,
439.2700, 473.8309

0.9874, 1.7259,
1.7700

0.0000, 0.4403,
0.4080

71.1192, 85.2189,
91.2978

71.1192, 85.2189,
91.2978

64.3570, 81.8391,
86.2864

78.9896, 89.1708,
96.5351

58.6422, 78.9932,
81.4908

88.0110, 93.7099,
101.9966

53.9189, 76.6548,
76.9086

93.0099, 96.1716,
107.4437

50.1230, 74.7908,
72.5348

93.1673, 96.2345,
108.2724

■ 47.1829, 73.3644,
68.3643

■ 45.0159, 72.3330,
64.3914

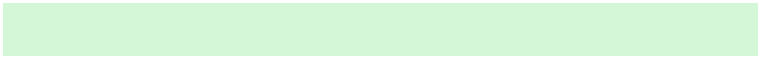
■ 43.5225, 71.6452,
60.6095

■ 42.6988, 71.2832,
57.7462

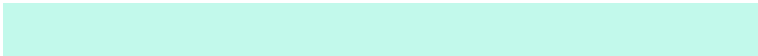
Harmonies

Analogous

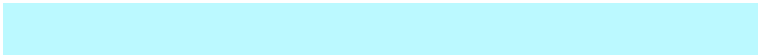
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6364, 85.2189, 77.6359



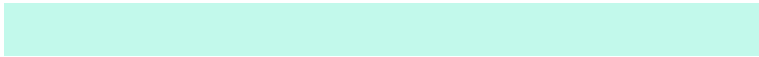
71.1192, 85.2189, 91.2978



72.1507, 85.2189, 106.9161

Triad

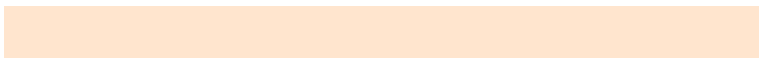
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1192, 85.2189, 91.2978



85.7913, 85.2189, 121.6771



86.7368, 85.2189, 70.1147

Complementary

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



71.1192, 85.2189, 91.2978



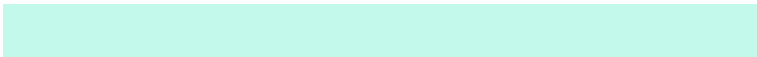
69.7469, 63.2796, 68.2161

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.



90.5405, 85.2189, 79.9644



71.1192, 85.2189, 91.2978



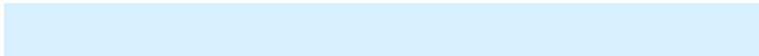
89.9779, 85.2189, 109.7954

Square

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



71.1192, 85.2189, 91.2978



80.4757, 85.2189, 125.5590



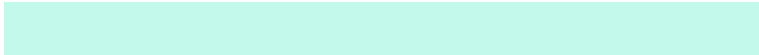
91.7517, 85.2189, 94.2961



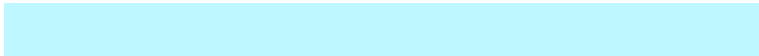
81.5226, 85.2189, 66.2829

Rectangle

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



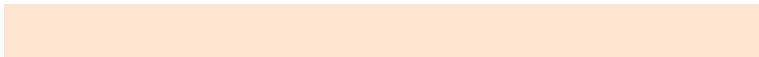
71.1192, 85.2189, 91.2978



74.1711, 85.2189, 116.1728



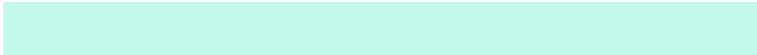
91.7517, 85.2189, 94.2961



88.2314, 85.2189, 72.7743

Sweetspot

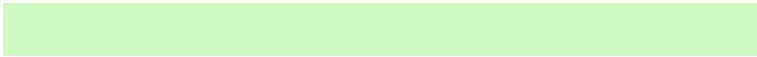
The Sweet Spot groups the original color and five complimentary colors.



71.1216, 85.2224, 91.2997



88.0620, 96.4811, 104.7988



69.8162, 85.1568, 63.7974



18.7261, 20.5891, 22.3567



0.0000, 0.0000, 0.0000



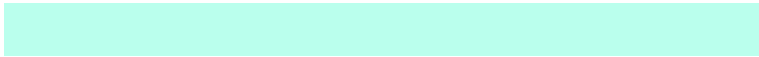
20.3446, 21.4041, 23.3091

Same Dimension

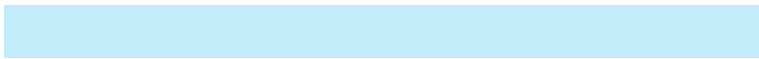
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1216, 85.2224, 91.2997



71.4012, 88.1199, 93.7279



69.3931, 78.3990, 101.1018



17.5660, 19.5287, 21.1809



22.9155, 38.1792, 31.2279



2.1651, 3.5531, 3.1173

Inverse Universe

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



69.7469, 63.2796, 68.2161



69.6911, 60.7853, 64.9845



71.0798, 68.5821, 60.5316



17.4259, 17.2977, 18.8326



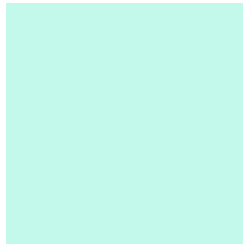
21.4463, 10.9942, 3.7925



2.0272, 1.0346, 0.5668

Previews

White Background



This preview shows how the XYZ color 71.1192, 85.2189, 91.2978 looks on a white background.

Color Contrast Check

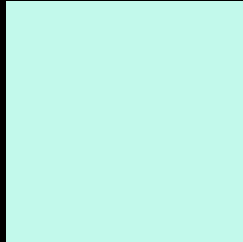
Large Text (above 18pt) WCAG AA × Fail

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 71.1192, 85.2189, 91.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

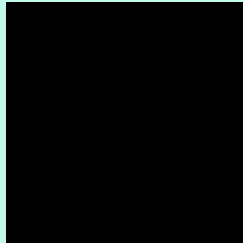
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

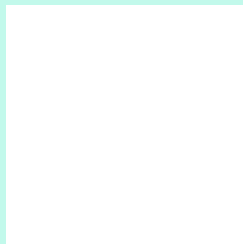
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1192, 85.2189, 91.2978

Background



This preview shows how black text looks on a background with the XYZ color 71.1192, 85.2189, 91.2978.



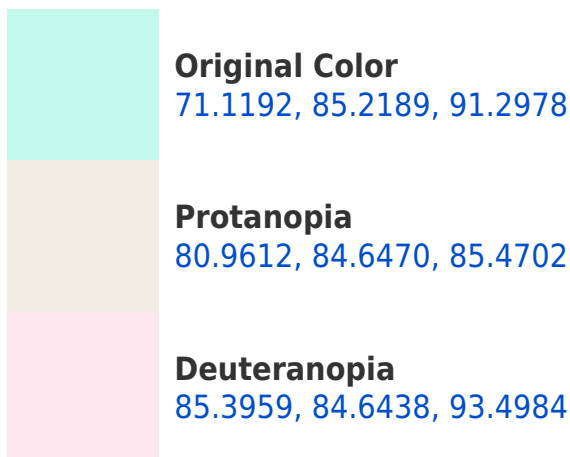
This preview shows how white text looks on a background with the XYZ color 71.1192, 85.2189,

91.2978.

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





Tritanopia

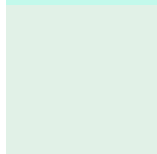
77.5337, 85.0204, 106.9319

Trichromacy



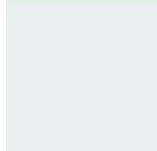
Original Color

71.1192, 85.2189, 91.2978



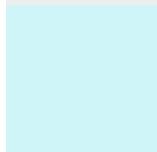
Protanomaly

76.9304, 84.6877, 87.8930



Deuteranomaly

79.6114, 84.6458, 93.0312



Tritanomaly

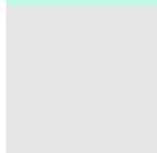
75.3278, 85.3475, 101.3105

Monochromacy



Original Color

71.1192, 85.2189, 91.2978



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.0535, 81.8807, 88.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1192, 85.2189, 91.2978 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(194, 249, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 249, 235)  
}
```

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(194, 249, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 249, 235) }
```

Border

The CSS property to change the border of an element to XYZ 71.1192, 85.2189, 91.2978 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(194, 249, 235) }
```


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

```
.border{ border-color:rgb(194, 249, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 249, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 249, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 249, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 249,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1192, 85.2189, 91.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 249, 235) }
```

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

```
.background{ background-color: rgb(194,  
249, 235) }
```

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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