

Converting Colors

XYZ(71.1266, 80.2798, 97.9730)

Have a look what the booklet for
XYZ(71.1266, 80.2798, 97.9730)
contains.

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Color

**XYZ(71.1434, 80.1592,
98.1088)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EEF5
RGB	201, 238, 245
RGB Percent	79%, 93%, 96%
CMY	0.2118, 0.0666, 0.0392
CMYK	0.18, 0.03, 0.00, 0.04
HSL	190°, 69%, 87%
HSV	190°, 18%, 96%
XYZ	71.1434, 80.1592, 98.1088
YIQ	227.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

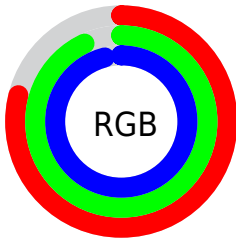
Format	Color
R _Y B	201, 221, 245
Decimal	13233909
CIE Lab	91.76, -10.49, -7.39
CIE LCh	92, 12.828, 215.155
Yxy	80.1592, 0.2852, 0.3214
Android (android.graphics.Color)	4291423989 (0xFFC9EEF5)
YUV	227.7350, 8.5116, -23.4466
Hunter-Lab	89.5317, -14.8413, -2.2978

Details

The XYZ color **71.1434, 80.1592, 98.1088** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7553, 68.7413, 64.7991**, and the grayscale version is **73.5037, 77.3316, 84.2141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7673, 43.2410, 54.4999** is the 20% darker color. If you saturate the color by 10%, you get **63.9539, 74.7892, 97.4525**, and if you desaturate by 10%, it is **79.4126, 86.1264, 98.8260**.

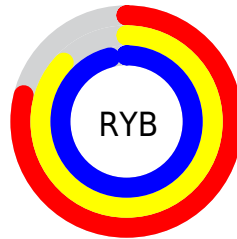
Distribution



Red (79%)

Green (93%)

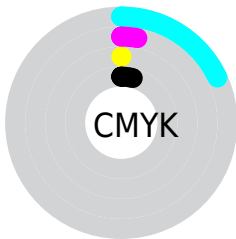
Blue (96%)



Red (79%)

Yellow (87%)

Blue (96%)

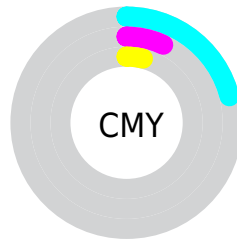


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1434, 80.1592, 98.1088 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 71.1434, 80.1592, 98.1088 by changing the saturation by 10% instead.

71.1434, 80.1592,
98.1088

71.1434, 80.1592,
98.1088

453.7586,
495.4692, 575.3069

52.7422, 59.8494,
74.1140

119.8553,
133.5895, 160.5849

37.8236, 43.2972,
54.3900

150.8967,
167.4788, 199.9034

26.0224, 30.1184,
38.5183

186.8822,
206.6634, 245.1668

16.9732, 19.9285,
26.0802

228.1771,
251.5276, 296.7936

10.3106, 12.3431,
16.6574

275.1469,
302.4559, 355.2025

5.6692, 6.9778,
9.8311

328.1568,

2.6837, 3.4482,

359.8327, 420.8120

5.1830

387.5723,
424.0423, 494.0407

■ 0.9888, 1.3700,
2.2944

■ 0.0000, 0.1944,
0.7281

■ 71.1434, 80.1592,
98.1088

■ 71.1434, 80.1592,
98.1088

■ 63.9539, 74.7892,
97.4525

■ 79.4126, 86.1264,
98.8260

■ 57.7871, 69.9806,
96.8494

■ 88.8011, 92.7052,
99.6011

■ 52.5917, 65.7087,
96.2986

■ 91.8119, 96.0331,
100.0847

■ 48.3087, 61.9429,
95.7975

■ 93.0331, 98.4756,
100.4918

■ 44.8726, 58.6493,
95.3429

■ 93.4817, 99.3727,
100.6413

■ 42.2092, 55.7892,
94.9312

■ 40.2307, 53.3173,
94.5584

■ 38.8177, 51.1718,
94.2187

■ 38.5631, 50.7555,
94.1518

Harmonies

Analogous

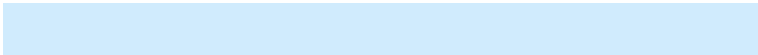
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.0732, 80.1592, 88.9143



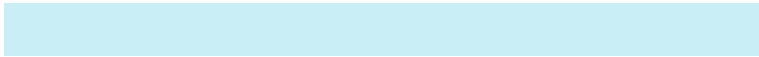
71.1434, 80.1592, 98.1088



73.5672, 80.1592, 104.7348

Triad

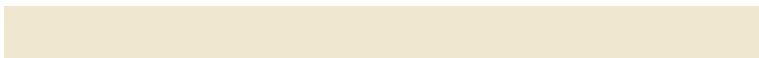
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1434, 80.1592, 98.1088



82.0621, 80.1592, 95.0983



75.6231, 80.1592, 70.4838

Complementary

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



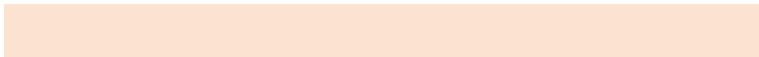
71.1434, 80.1592, 98.1088



70.7553, 68.7413, 64.7991

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.



78.8721, 80.1592, 71.8805



71.1434, 80.1592, 98.1088



82.6505, 80.1592, 85.6653

Square

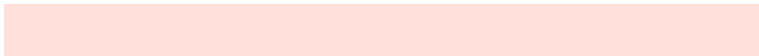
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



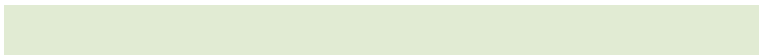
71.1434, 80.1592, 98.1088



79.8818, 80.1592, 102.9111



81.4675, 80.1592, 77.2784



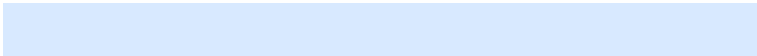
72.6116, 80.1592, 73.3172

Rectangle

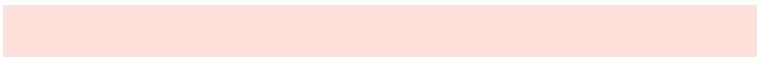
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1434, 80.1592, 98.1088



75.6570, 80.1592, 106.5619



81.4675, 80.1592, 77.2784



76.7233, 80.1592, 70.4764

Sweetspot

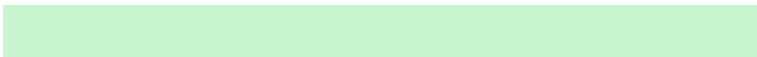
The Sweet Spot groups the original color and five complimentary colors.



71.1457, 80.1625, 98.1106



89.8704, 96.3747, 108.4732



68.0773, 82.2582, 71.7077



19.0855, 20.5221, 23.2052



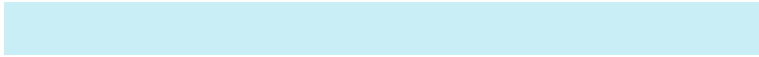
0.0000, 0.0000, 0.0000



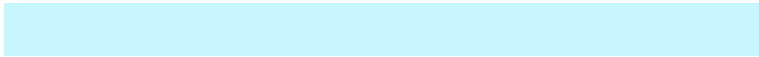
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1457, 80.1625, 98.1106



74.5565, 85.3081, 107.1443



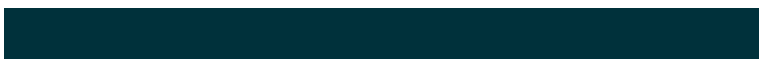
65.2288, 68.3286, 96.1383



16.7592, 18.2827, 21.1882



20.8597, 27.5131, 50.7492



1.8923, 2.5359, 4.4800

Inverse Universe

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



73.9773, 67.3606, 89.9956



78.2871, 68.7195, 96.3905



76.3858, 80.0023, 66.6760



17.0938, 16.7204, 20.2404



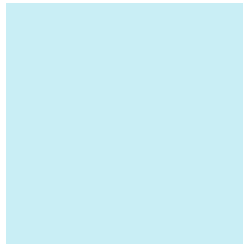
26.3335, 12.8768, 32.7942



2.3442, 1.1436, 3.0389

Previews

White Background



This preview shows how the XYZ color 71.1434, 80.1592, 98.1088 looks on a white background.

Color Contrast Check

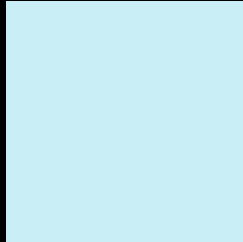
Large Text (above 18pt) WCAG AA × Fail

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 71.1434, 80.1592, 98.1088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

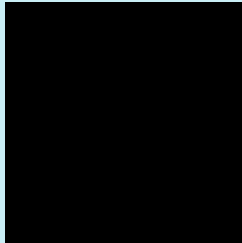
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1434, 80.1592, 98.1088

Background



This preview shows how black text looks on a background with the XYZ color 71.1434, 80.1592, 98.1088.

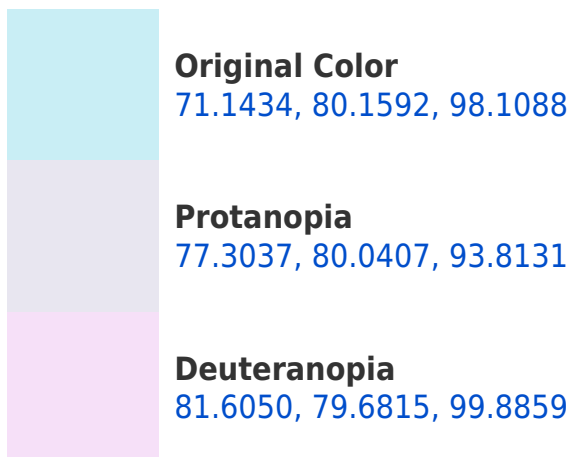


This preview shows how white text looks on a background with the XYZ color 71.1434, 80.1592,

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

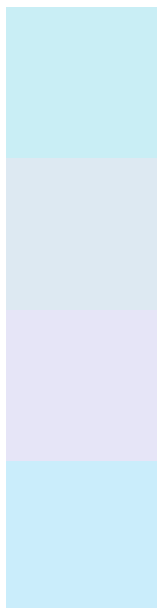




Tritanopia

72.6741, 79.9074, 106.2011

Trichromacy



Original Color

71.1434, 80.1592, 98.1088

Protanomaly

74.9847, 80.0608, 95.5056

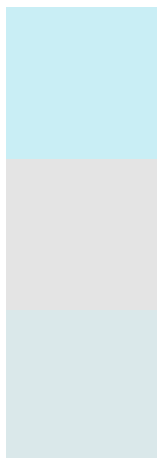
Deuteranomaly

77.4409, 79.5770, 99.2740

Tritanomaly

72.0539, 80.0900, 102.9281

Monochromacy



Original Color

71.1434, 80.1592, 98.1088

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.6213, 78.5592, 89.1778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1434, 80.1592, 98.1088 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(201, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 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(201, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 245) }
```

Border

The CSS property to change the border of an element to XYZ 71.1434, 80.1592, 98.1088 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(201, 238, 245) }
```


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

```
.border{ border-color:rgb(201, 238, 245) }
```

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

Here you see how a box with a 4 pixel rgb(201, 238, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1434, 80.1592, 98.1088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 245) }
```

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

```
.background{ background-color: rgb(201,  
238, 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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