

Converting Colors

XYZ(71.1980, 85.2078,
107.3020)

Have a look what the booklet for
XYZ(71.1980, 85.2078, 107.3020)
contains.

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Color

**XYZ(71.2917, 85.4150,
107.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FAFF
RGB	181, 250, 255
RGB Percent	71%, 98%, 100%
CMY	0.2902, 0.0196, 0.0000
CMYK	0.29, 0.02, 0.00, 0.00
HSL	184°, 100%, 85%
HSV	184°, 29%, 100%
XYZ	71.2917, 85.4150, 107.3370
YIQ	229.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

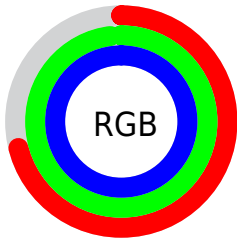
Format	Color
RYB	181, 217, 255
Decimal	11926271
CIELab	94.06, -20.11, -9.29
CIELCh	94, 22.151, 204.789
Yxy	85.4150, 0.2700, 0.3235
Android (android.graphics.Color)	4290116351 (0xFFB5FAFF)
YUV	229.9390, 12.3551, -42.9195
Hunter-Lab	92.4202, -24.0430, -4.1653

Details

The XYZ color **71.2917, 85.4150, 107.3370** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.1395, 59.7137, 51.7052**, and the grayscale version is **75.1048, 79.0161, 86.0485**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **37.8672, 46.6528, 60.4352** is the 20% darker color. If you saturate the color by 10%, you get **65.3190, 81.5476, 106.9053**, and if you desaturate by 10%, it is **78.3681, 89.8629, 107.8226**.

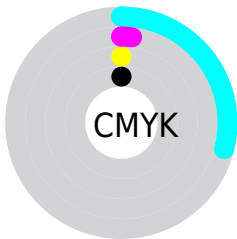
Distribution



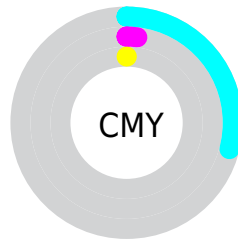
- Red (71%)
- Green (98%)
- Blue (100%)



- Red (71%)
- Yellow (85%)
- Blue (100%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2917, 85.4150, 107.3370 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 71.2917, 85.4150, 107.3370 by changing the saturation by 10% instead.

71.2917, 85.4150,
107.3370

71.2917, 85.4150,
107.3370

454.2685,
513.0003, 604.9147

52.8637, 64.1843,
81.7910

120.0652,
140.9528, 173.3434

37.9210, 46.8000,
60.6585

151.1415,
176.0288, 214.6410

26.0983, 32.8776,
43.5208

187.1645,
216.4887, 262.0261

17.0303, 22.0327,
29.9596

228.4996,
262.7169, 315.9174

10.3515, 13.8809,
19.5561

275.5122,
315.0977, 376.7334

5.6967, 8.0379,
11.8919

328.5676,

2.7004, 4.1192,

374.0156, 444.8925

6.5485

388.0313,
439.8550, 520.8135

■ 0.9974, 1.7405,
3.1072

■ 0.0000, 0.4497,
1.1497

■ 71.2917, 85.4150,
107.3370

■ 71.2917, 85.4150,
107.3370

■ 65.3190, 81.5476,
106.9053

■ 78.3681, 89.8629,
107.8226

■ 60.3834, 78.2199,
106.5232

■ 86.5966, 94.9099,
108.3631

■ 56.4217, 75.4016,
106.1880

95.0500, 100.0000,
108.9000

■ 53.3609, 73.0548,
105.8963

■ 51.1179, 71.1368,
105.6443

■ 49.5938, 69.5965,
105.4274

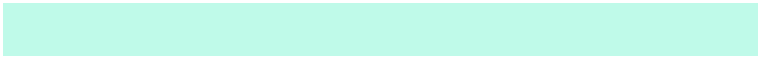
■ 48.6427, 68.3588,
105.2386

■ 48.5622, 68.2443,
105.2207

Harmonies

Analogous

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



70.3778, 85.4150, 90.0757



71.2917, 85.4150, 107.3370



74.8024, 85.4150, 122.2306

Triad

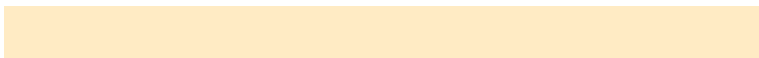
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2917, 85.4150, 107.3370



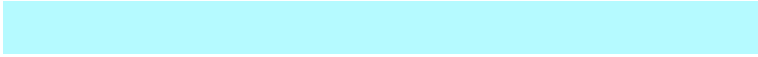
90.8347, 85.4150, 113.0733



82.2216, 85.4150, 64.1927

Complementary

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



71.2917, 85.4150, 107.3370



67.1395, 59.7137, 51.7052

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.



87.9195, 85.4150, 68.8499



71.2917, 85.4150, 107.3370



93.0442, 85.4150, 95.9918

Square

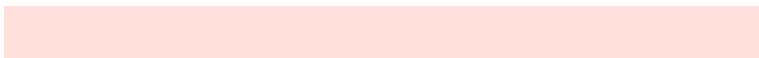
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2917, 85.4150, 107.3370



86.0464, 85.4150, 125.8141



91.9524, 85.4150, 80.0045



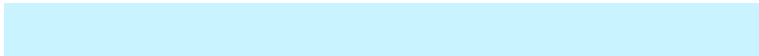
76.5091, 85.4150, 66.4575

Rectangle

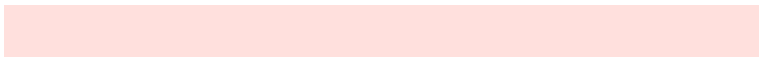
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2917, 85.4150, 107.3370



78.2371, 85.4150, 128.1029



91.9524, 85.4150, 80.0045



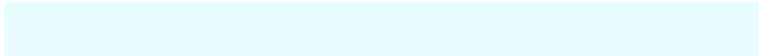
84.2048, 85.4150, 64.9819

Sweetspot

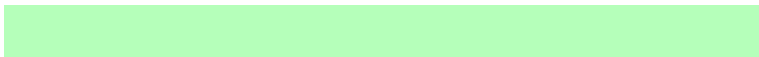
The Sweet Spot groups the original color and five complimentary colors.



71.2940, 85.4183, 107.3375



86.6127, 94.9196, 108.3641



63.6731, 84.8867, 59.4479



18.2666, 20.1513, 23.1768



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

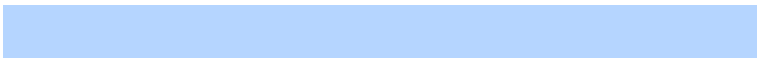
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2940, 85.4183, 107.3375



67.5915, 83.0359, 107.0728



60.9184, 64.6672, 103.8790



18.4437, 20.2590, 23.1882



25.4195, 35.7486, 54.9950



2.5053, 3.5413, 5.3648

Inverse Universe

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



75.0207, 61.2116, 98.3073



71.9258, 55.2796, 96.4812



75.9511, 77.3369, 54.6424



18.7366, 18.2780, 22.4961



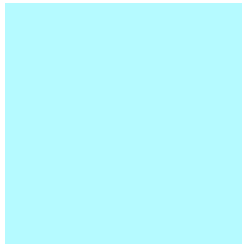
29.6188, 14.3368, 43.5045



2.8992, 1.4020, 4.3165

Previews

White Background



This preview shows how the XYZ color 71.2917, 85.4150, 107.3370 looks on a white background.

Color Contrast Check

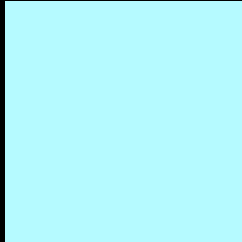
Large Text (above 18pt) WCAG AA × Fail

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 71.2917, 85.4150, 107.3370 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 71.2917, 85.4150, 107.3370

Background



This preview shows how black text looks on a background with the XYZ color 71.2917, 85.4150, 107.3370.

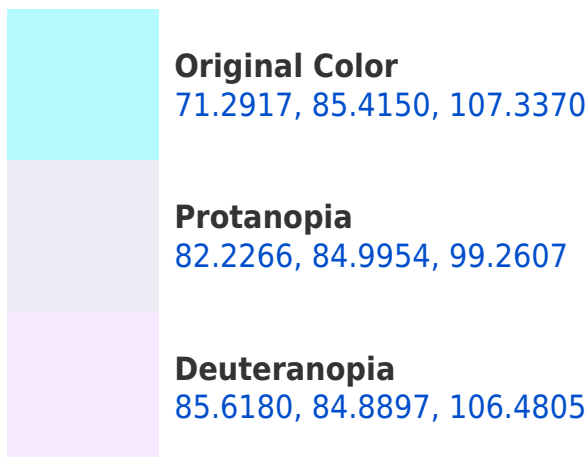


This preview shows how white text looks on a background with the XYZ color 71.2917, 85.4150,

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

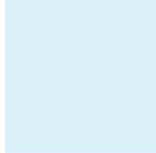
76.3951, 84.8765, 106.9641

Trichromacy



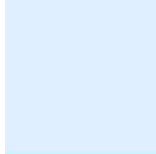
Original Color

71.2917, 85.4150, 107.3370



Protanomaly

77.4676, 84.6556, 101.8797



Deuteranomaly

79.6570, 84.8003, 106.7775



Tritanomaly

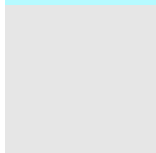
74.5590, 85.2736, 107.1375

Monochromacy



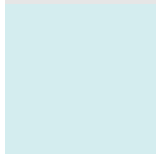
Original Color

71.2917, 85.4150, 107.3370



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.0156, 80.7974, 93.4085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2917, 85.4150, 107.3370 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(181, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 250, 255)  
}
```

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(181, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.2917, 85.4150, 107.3370 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(181, 250, 255) }
```


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

```
.border{ border-color:rgb(181, 250, 255) }
```

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

Here you see how a box with a 4 pixel rgb(181, 250, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2917, 85.4150, 107.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 250, 255) }
```

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

```
.background{ background-color: rgb(181,  
250, 255) }
```

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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