

Converting Colors

XYZ(71.4328, 86.5597,
107.5505)

Have a look what the booklet for
XYZ(71.4328, 86.5597, 107.5505)
contains.

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Color

**XYZ(71.4508, 86.4245,
107.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FCFF
RGB	179, 252, 255
RGB Percent	70%, 99%, 100%
CMY	0.2980, 0.0117, 0.0000
CMYK	0.30, 0.01, 0.00, 0.00
HSL	182°, 100%, 85%
HSV	182°, 30%, 100%
XYZ	71.4508, 86.4245, 107.5235
YIQ	230.5150, -44.4710, -14.5430

Conversions

Conversions Part 2

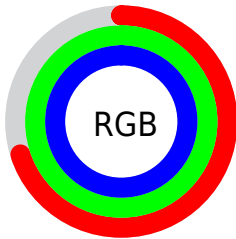
Format	Color
RYB	179, 216, 255
Decimal	11795711
CIELab	94.49, -21.63, -8.66
CIELCh	94, 23.302, 201.812
Yxy	86.4245, 0.2692, 0.3256
Android (android.graphics.Color)	4289985791 (0xFFB3FCFF)
YUV	230.5150, 12.0711, -45.1787
Hunter-Lab	92.9648, -25.4970, -3.4997

Details

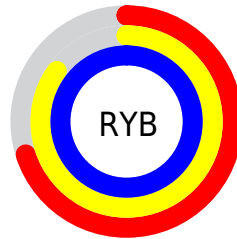
The XYZ color **71.4508, 86.4245, 107.5235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.1047, 57.9702, 50.3549**, and the grayscale version is **75.5341, 79.4678, 86.5404**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **37.8765, 47.3184, 60.5631** is the 20% darker color. If you saturate the color by 10%, you get **65.7792, 83.0355, 107.1683**, and if you desaturate by 10%, it is **78.2184, 90.3853, 107.9313**.

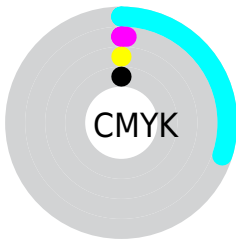
Distribution



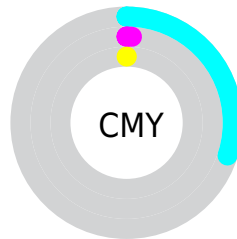
- Red (70%)
- Green (99%)
- Blue (100%)



- Red (70%)
- Yellow (85%)
- Blue (100%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (30%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4508, 86.4245, 107.5235 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 71.4508, 86.4245, 107.5235 by changing the saturation by 10% instead.


 71.4508, 86.4245,
107.5235

 71.4508, 86.4245,
107.5235


454.8151,
516.3299, 605.5052

 52.9940, 65.0191,
81.9466


 120.2904,
142.3617, 173.6001

 38.0255, 47.4765,
60.7860


151.4040,
177.6623, 214.9370

 26.1797, 33.4125,
43.6230

187.4672,
218.3633, 262.3642

 17.0915, 22.4427,
30.0392

228.8454,
264.8493, 316.3004

 10.3955, 14.1825,
19.6161

275.9039,
317.5045, 377.1640

 5.7262, 8.2477,
11.9350

329.0081,

 2.7184, 4.2539,

376.7135, 445.3737

6.5774

388.5234,
442.8604, 521.3479

■ 1.0067, 1.8166,
3.1248

■ 0.0000, 0.4975,
1.1587

■ 71.4508, 86.4245,
107.5235

■ 71.4508, 86.4245,
107.5235

■ 65.7792, 83.0355,
107.1683

■ 78.2184, 90.3853,
107.9313

■ 61.1365, 80.1773,
106.8613

■ 86.1307, 94.9366,
108.3928

■ 57.4592, 77.8191,
106.5999

95.0500, 100.0000,
108.9000

■ 54.6735, 75.9231,
106.3808

■ 52.6952, 74.4459,
106.1999

■ 51.4240, 73.3356,
106.0526

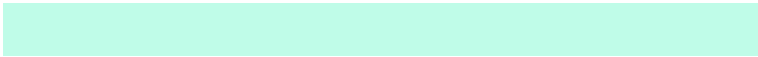
■ 50.6994, 72.5095,
105.9313

■ 50.6871, 72.4942,
105.9290

Harmonies

Analogous

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



70.7784, 86.4245, 89.2687



71.4508, 86.4245, 107.5235



74.9129, 86.4245, 123.9347

Triad

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



71.4508, 86.4245, 107.5235



91.9896, 86.4245, 117.1051



83.8731, 86.4245, 63.8942

Complementary

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



71.4508, 86.4245, 107.5235



66.1047, 57.9702, 50.3549

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.



89.8259, 86.4245, 69.4869



71.4508, 86.4245, 107.5235



94.6653, 86.4245, 99.1059

Square

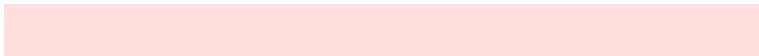
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4508, 86.4245, 107.5235



86.7057, 86.4245, 129.9383



93.8539, 86.4245, 81.8459



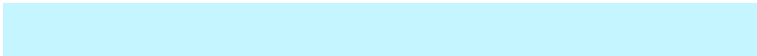
77.7450, 86.4245, 65.5459

Rectangle

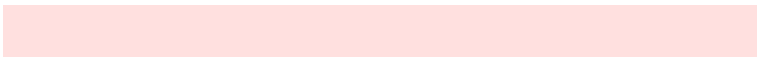
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4508, 86.4245, 107.5235



78.4376, 86.4245, 130.8665



93.8539, 86.4245, 81.8459



85.9652, 86.4245, 64.9609

Sweetspot

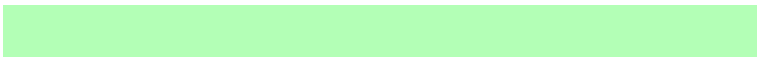
The Sweet Spot groups the original color and five complimentary colors.



71.4531, 86.4278, 107.5240



86.8171, 95.3284, 108.4322



62.7469, 84.4624, 57.0011



18.3173, 20.2528, 23.1937



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.



71.4531, 86.4278, 107.5240



67.8118, 84.2608, 107.2976



60.8065, 65.1347, 103.9752



18.4899, 20.3514, 23.2036



26.5122, 37.9341, 55.3593



2.5998, 3.7302, 5.3963

Inverse Universe

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



74.9322, 60.5301, 99.8335



71.8456, 54.5146, 98.3183



74.8483, 75.4574, 53.2695



18.7599, 18.2873, 22.6189



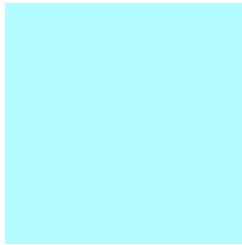
30.1704, 14.5574, 46.4090



2.9468, 1.4211, 4.5675

Previews

White Background



This preview shows how the XYZ color 71.4508, 86.4245, 107.5235 looks on a white background.

Color Contrast Check

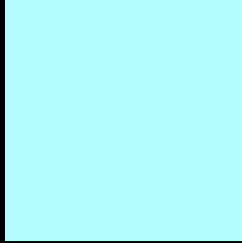
Large Text (above 18pt) WCAG AA × Fail

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 71.4508, 86.4245, 107.5235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

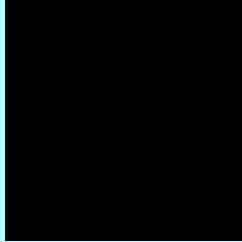
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4508, 86.4245, 107.5235

Background



This preview shows how black text looks on a background with the XYZ color 71.4508, 86.4245, 107.5235.



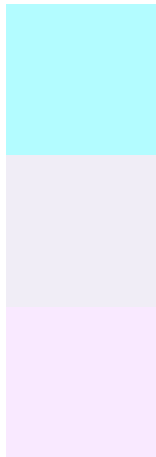
This preview shows how white text looks on a background with the XYZ color 71.4508, 86.4245,

107.5235.

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

71.4508, 86.4245, 107.5235

Protanopia

82.8539, 85.7475, 99.3728

Deuteranopia

86.2558, 85.6376, 106.5913



Tritanopia

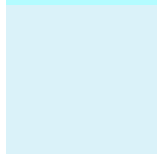
77.5521, 85.9184, 107.1042

Trichromacy



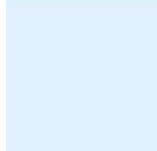
Original Color

71.4508, 86.4245, 107.5235



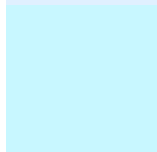
Protanomaly

77.7645, 85.2492, 101.9787



Deuteranomaly

79.9506, 85.3875, 106.8753



Tritanomaly

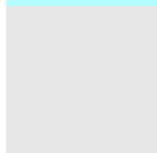
75.1302, 86.0209, 107.2517

Monochromacy



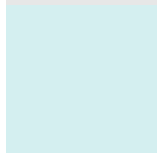
Original Color

71.4508, 86.4245, 107.5235



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.7461, 82.0213, 94.3829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4508, 86.4245, 107.5235 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(179, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 252, 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(179, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.4508, 86.4245, 107.5235 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(179, 252, 255) }
```


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

```
.border{ border-color:rgb(179, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4508, 86.4245, 107.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 252, 255) }
```

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

```
.background{ background-color: rgb(179,  
252, 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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