

Converting Colors

XYZ(72.7500, 85.8757,
112.6533)

Have a look what the booklet for
XYZ(72.7500, 85.8757, 112.6533)
contains.

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Color

**XYZ(71.7640, 85.6585,
107.3591)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FAFF
RGB	183, 250, 255
RGB Percent	72%, 98%, 100%
CMY	0.2823, 0.0196, 0.0000
CMYK	0.28, 0.02, 0.00, 0.00
HSL	184°, 100%, 86%
HSV	184°, 28%, 100%
XYZ	71.7640, 85.6585, 107.3591
YIQ	230.5370, -41.5370, -12.6490

Conversions

Conversions Part 2

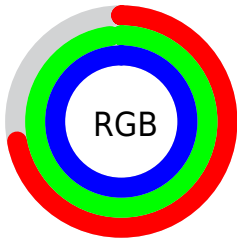
Format	Color
RYB	183, 218, 255
Decimal	12057343
CIELab	94.17, -19.56, -9.12
CIELCh	94, 21.581, 205.001
Yxy	85.6585, 0.2710, 0.3235
Android (android.graphics.Color)	4290247423 (0xFFB7FAFF)
YUV	230.5370, 12.0603, -41.6899
Hunter-Lab	92.5519, -23.5583, -3.9894

Details

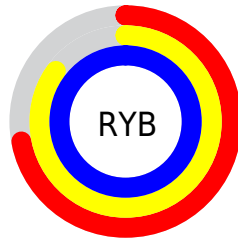
The XYZ color **71.7640, 85.6585, 107.3591** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7704, 60.6447, 52.9351**, and the grayscale version is **75.5489, 79.4834, 86.5574**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **38.1651, 46.8063, 60.4491** is the 20% darker color. If you saturate the color by 10%, you get **65.6929, 81.7185, 106.9186**, and if you desaturate by 10%, it is **78.9436, 90.1819, 107.8538**.

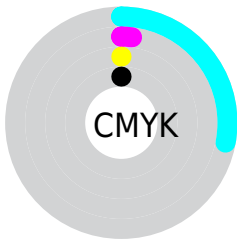
Distribution



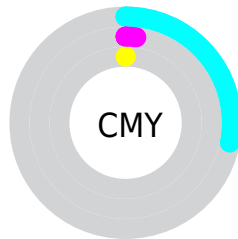
- Red (72%)
- Green (98%)
- Blue (100%)



- Red (72%)
- Yellow (85%)
- Blue (100%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7640, 85.6585, 107.3591 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 71.7640, 85.6585, 107.3591 by changing the saturation by 10% instead.

71.7640, 85.6585,
107.3591

71.7640, 85.6585,
107.3591

455.8901,
513.8045, 604.9847

53.2507, 64.3856,
81.8095

120.7336,
141.2928, 173.3739

38.2312, 46.9631,
60.6736

151.9205,
176.4231, 214.6760

26.3402, 33.0065,
43.5330

188.0627,
216.9412, 262.0662

17.2123, 22.1314,
29.9690

229.5256,
263.2317, 315.9628

10.4822, 13.9535,
19.5632

276.6744,
315.6789, 376.7844

5.7846, 8.0883,
11.8970

329.8745,

2.7539, 4.1515,

374.6671, 444.9496

6.5519

389.4913,
440.5809, 520.8768

■ 1.0250, 1.7587,
3.1093

■ 0.0000, 0.4612,
1.1507

■ 71.7640, 85.6585,
107.3591

■ 71.7640, 85.6585,
107.3591

■ 65.6929, 81.7185,
106.9186

■ 78.9436, 90.1819,
107.8538

■ 60.6640, 78.3214,
106.5279

■ 87.2797, 95.3070,
108.4037

■ 56.6147, 75.4368,
106.1846

95.0500, 100.0000,
108.9000

■ 53.4726, 73.0275,
105.8852

■ 51.1555, 71.0511,
105.6258

■ 49.5662, 69.4574,
105.4019

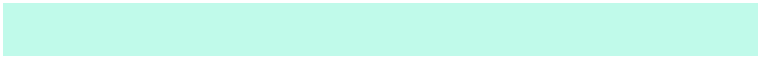
■ 48.5704, 68.1772,
105.2073

■ 48.4234, 67.9668,
105.1745

Harmonies

Analogous

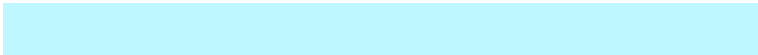
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8505, 85.6585, 90.5245



71.7640, 85.6585, 107.3591



75.2134, 85.6585, 121.8089

Triad

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



71.7640, 85.6585, 107.3591



90.8518, 85.6585, 112.7161



82.3870, 85.6585, 65.0465

Complementary

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



71.7640, 85.6585, 107.3591



67.7704, 60.6447, 52.9351

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.



87.9502, 85.6585, 69.5739



71.7640, 85.6585, 107.3591



92.9825, 85.6585, 96.0654

Square

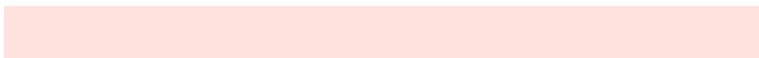
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7640, 85.6585, 107.3591



86.1980, 85.6585, 125.1490



91.8965, 85.6585, 80.4664



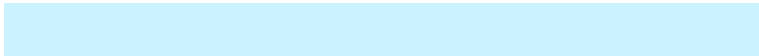
76.8139, 85.6585, 67.3201

Rectangle

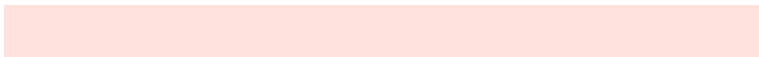
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7640, 85.6585, 107.3591



78.5766, 85.6585, 127.4693



91.8965, 85.6585, 80.4664



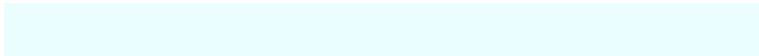
84.3227, 85.6585, 65.8062

Sweetspot

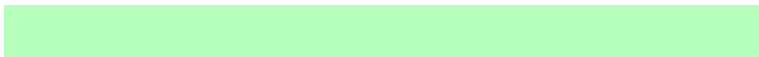
The Sweet Spot groups the original color and five complimentary colors.



71.7663, 85.6618, 107.3596



87.4892, 95.4344, 108.4173



64.3450, 85.2100, 60.5214



18.4406, 20.2529, 23.1872



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.



71.7663, 85.6618, 107.3596



68.1333, 83.3197, 107.0990



61.6768, 65.4830, 103.9965



18.4406, 20.2529, 23.1872



25.3481, 35.6058, 54.9712



2.4991, 3.5290, 5.3627

Inverse Universe

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



75.4302, 62.0307, 98.4439



72.3946, 56.2148, 96.6449



76.3899, 77.8836, 55.8083



18.7351, 18.2773, 22.4879



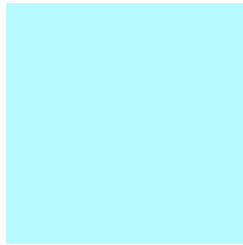
29.5827, 14.3224, 43.3147



2.8961, 1.4008, 4.3000

Previews

White Background



This preview shows how the XYZ color 71.7640, 85.6585, 107.3591 looks on a white background.

Color Contrast Check

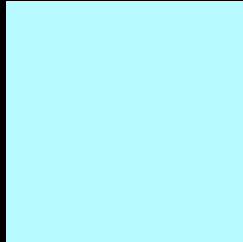
Large Text (above 18pt) WCAG AA × Fail

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 71.7640, 85.6585, 107.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

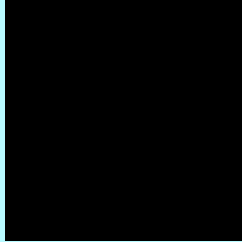
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7640, 85.6585, 107.3591

Background



This preview shows how black text looks on a background with the XYZ color 71.7640, 85.6585, 107.3591.

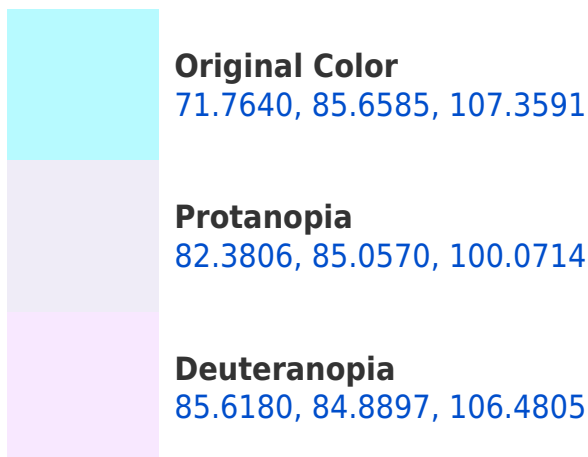


This preview shows how white text looks on a background with the XYZ color 71.7640, 85.6585,

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

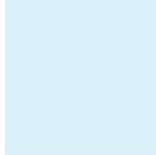
76.9646, 85.1701, 106.9907

Trichromacy



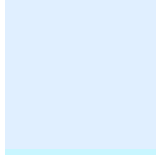
Original Color

71.7640, 85.6585, 107.3591



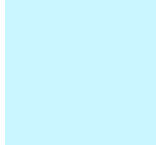
Protanomaly

77.9240, 84.8728, 102.7175



Deuteranomaly

79.6570, 84.8003, 106.7775



Tritanomaly

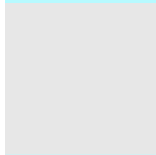
75.0932, 85.5490, 107.1625

Monochromacy



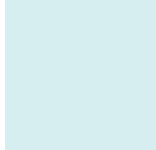
Original Color

71.7640, 85.6585, 107.3591



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.0343, 81.7365, 94.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7640, 85.6585, 107.3591 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(183, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.7640, 85.6585, 107.3591 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(183, 250, 255) }
```


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

```
.border{ border-color:rgb(183, 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(183, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7640, 85.6585, 107.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 250, 255) }
```

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

```
.background{ background-color: rgb(183,  
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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