

Converting Colors

XYZ(71.5233, 83.4182,
101.9670)

Have a look what the booklet for
XYZ(71.5233, 83.4182, 101.9670)
contains.

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Color

**XYZ(71.4895, 83.3508,
101.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F5F9
RGB	192, 245, 249
RGB Percent	75%, 96%, 98%
CMY	0.2470, 0.0392, 0.0235
CMYK	0.23, 0.02, 0.00, 0.02
HSL	184°, 83%, 86%
HSV	184°, 23%, 98%
XYZ	71.4895, 83.3508, 101.9430
YIQ	229.6090, -32.8720, -9.9920

Conversions

Conversions Part 2

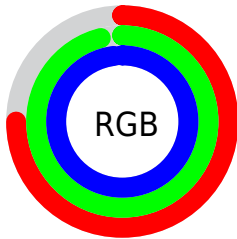
Format	Color
R_{YB}	192, 219, 249
Decimal	12645881
CIE _{Lab}	93.17, -15.84, -7.44
CIE _{LCh}	93, 17.496, 205.154
Yxy	83.3508, 0.2784, 0.3246
Android (android.graphics.Color)	4290835961 (0xFFC0F5F9)
YUV	229.6090, 9.5598, -32.9831
Hunter-Lab	91.2967, -19.9954, -2.2963

Details

The XYZ color **71.4895, 83.3508, 101.9430** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.3222, 63.4257, 58.5122**, and the grayscale version is **74.8759, 78.7753, 85.7863**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **38.1398, 45.5638, 57.2366** is the 20% darker color. If you saturate the color by 10%, you get **65.1853, 79.3225, 101.4991**, and if you desaturate by 10%, it is **78.8702, 87.9458, 102.4423**.

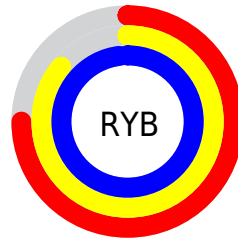
Distribution



Red (75%)

Green (96%)

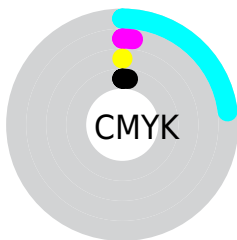
Blue (98%)



Red (75%)

Yellow (86%)

Blue (98%)

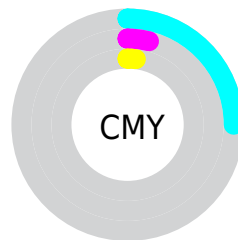


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (25%)

Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4895, 83.3508, 101.9430 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 71.4895, 83.3508, 101.9430 by changing the saturation by 10% instead.

71.4895, 83.3508,
101.9430

71.4895, 83.3508,
101.9430

454.9480,
506.1549, 587.7041

53.0257, 62.4796,
77.2983

120.3452,
138.0667, 165.8999

38.0509, 45.4203,
56.9847

151.4678,
172.6801, 206.0491

26.1996, 31.7886,
40.5837

187.5408,
212.6431, 252.2036

17.1065, 21.2001,
27.6767

228.9294,
258.3400, 304.7819

10.4062, 13.2704,
17.8452

275.9991,
310.1553, 364.2026

5.7334, 7.6150,
10.6706

329.1152,

2.7228, 3.8496,

368.4732, 430.8842

5.7344

388.6431,
433.6783, 505.2452

■ 1.0089, 1.5898,
2.6181

■ 0.0000, 0.3507,
0.9018

■ 71.4895, 83.3508,
101.9430

■ 71.4895, 83.3508,
101.9430

■ 65.1853, 79.3225,
101.4991

■ 78.8702, 87.9458,
102.4423

■ 59.8965, 75.8229,
101.1023

■ 87.3700, 93.1229,
102.9936

■ 55.5673, 72.8253,
100.7519

■ 92.6003, 96.6220,
103.3933

■ 52.1335, 70.2967,
100.4448

■ 93.1461, 97.7136,
103.5752

■ 49.5229, 68.1997,
100.1777

■ 93.6970, 98.8153,
103.7589

■ 47.6522, 66.4915,
99.9466

■ 94.0992, 99.6197,
103.8929

■ 46.4203, 65.1199,
99.7467

■ 45.8267, 64.2947,
99.6187

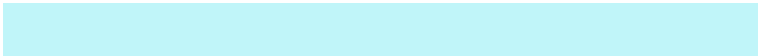
Harmonies

Analogous

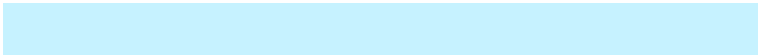
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7391, 83.3508, 88.6334



71.4895, 83.3508, 101.9430



74.2796, 83.3508, 113.1505

Triad

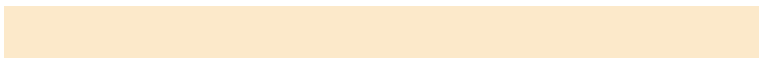
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4895, 83.3508, 101.9430



86.6985, 83.3508, 105.9975



79.9714, 83.3508, 67.8001

Complementary

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



71.4895, 83.3508, 101.9430



68.3222, 63.4257, 58.5122

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.



84.3798, 83.3508, 71.5284



71.4895, 83.3508, 101.9430



88.3583, 83.3508, 92.9099

Square

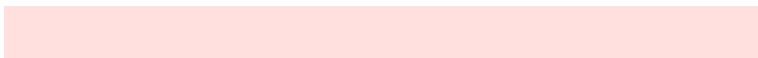
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4895, 83.3508, 101.9430



83.0383, 83.3508, 115.6455



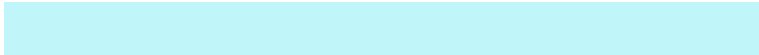
87.4938, 83.3508, 80.4168



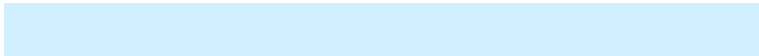
75.5253, 83.3508, 69.7195

Rectangle

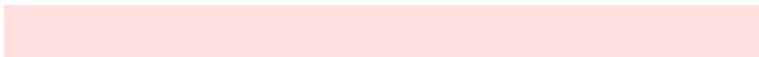
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



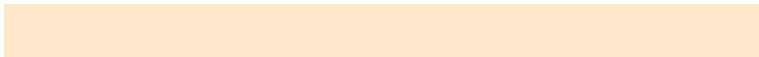
71.4895, 83.3508, 101.9430



76.9796, 83.3508, 117.4829



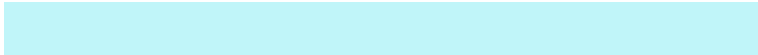
87.4938, 83.3508, 80.4168



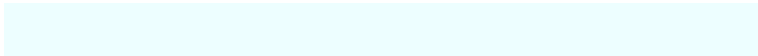
81.5084, 83.3508, 68.4231

Sweetspot

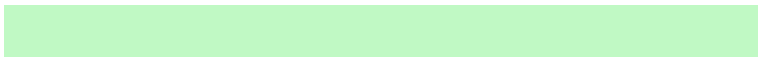
The Sweet Spot groups the original color and five complimentary colors.



71.4919, 83.3542, 101.9449



88.3871, 95.9743, 108.4741



65.5565, 82.9358, 64.6599



18.8015, 20.4713, 23.2104



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.



71.4919, 83.3542, 101.9449



72.5752, 86.1560, 107.4124



63.5743, 67.5189, 99.3057



17.6555, 19.3879, 22.1970



24.5739, 34.5034, 53.3382



2.3063, 3.2563, 4.9501

Inverse Universe

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



74.4000, 64.4334, 94.9056



76.1128, 63.3540, 98.8009



75.3192, 77.4199, 60.8446



17.9374, 17.5023, 21.5261



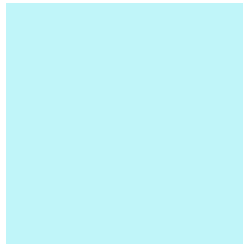
28.6958, 13.8940, 41.9680



2.6730, 1.2930, 3.9676

Previews

White Background



This preview shows how the XYZ color 71.4895, 83.3508, 101.9430 looks on a white background.

Color Contrast Check

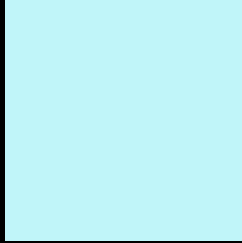
Large Text (above 18pt) WCAG AA × Fail

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 71.4895, 83.3508, 101.9430 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 71.4895, 83.3508, 101.9430

Background



This preview shows how black text looks on a background with the XYZ color 71.4895, 83.3508, 101.9430.

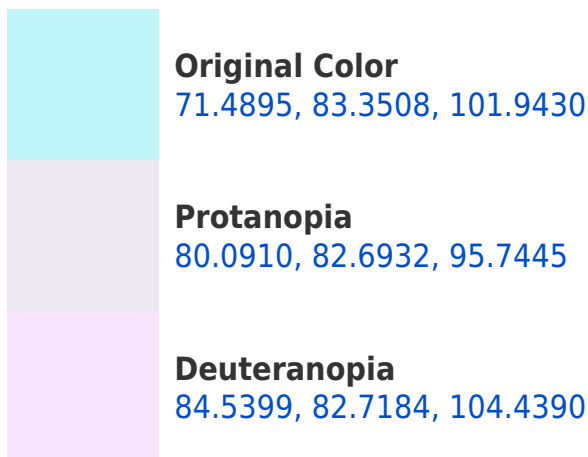


This preview shows how white text looks on a background with the XYZ color 71.4895, 83.3508,

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

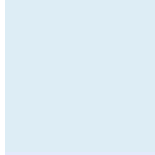
75.2374, 83.3960, 106.7393

Trichromacy



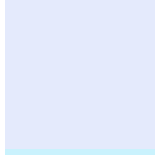
Original Color

71.4895, 83.3508, 101.9430



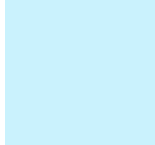
Protanomaly

76.5844, 82.5331, 98.2803



Deuteranomaly

78.9884, 82.3679, 103.8309



Tritanomaly

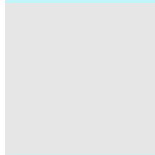
73.8389, 83.1527, 105.0869

Monochromacy



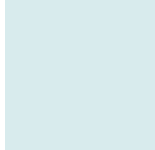
Original Color

71.4895, 83.3508, 101.9430



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.3133, 80.1300, 91.7234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4895, 83.3508, 101.9430 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(192, 245, 249)` looks like.

```
.text, #text, p{  
    color:rgb(192, 245, 249)  
}
```

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(192, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 245, 249) }
```

Border

The CSS property to change the border of an element to XYZ 71.4895, 83.3508, 101.9430 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(192, 245, 249) }
```


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

```
.border{ border-color:rgb(192, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(192, 245,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4895, 83.3508, 101.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 245, 249) }
```

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

```
.background{ background-color: rgb(192,  
245, 249) }
```

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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