

Converting Colors

XYZ(71.7822, 84.3025,
102.8586)

Have a look what the booklet for
XYZ(71.7822, 84.3025, 102.8586)
contains.

XYZ(71.7513, 84.3708, 102.9460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.7513, 84.3708,
102.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF7FA
RGB	190, 247, 250
RGB Percent	75%, 97%, 98%
CMY	0.2549, 0.0314, 0.0196
CMYK	0.24, 0.01, 0.00, 0.02
HSL	183°, 86%, 86%
HSV	183°, 24%, 98%
XYZ	71.7513, 84.3708, 102.9460
YIQ	230.2990, -34.9350, -11.1510

Conversions

Conversions Part 2

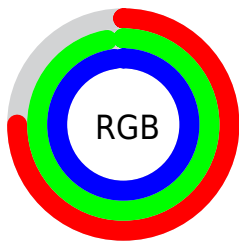
Format	Color
R_{YB}	190, 219, 250
Decimal	12515322
CIE _{Lab}	93.61, -17.19, -7.31
CIE _{LCh}	94, 18.685, 203.037
Yxy	84.3708, 0.2770, 0.3257
Android (android.graphics.Color)	4290705402 (0xFFBEF7FA)
YUV	230.2990, 9.7126, -35.3422
Hunter-Lab	91.8536, -21.3087, -2.1525

Details

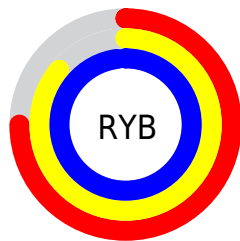
The XYZ color **71.7513, 84.3708, 102.9460** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7895, 62.1821, 57.1464**, and the grayscale version is **75.3860, 79.3120, 86.3707**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **38.3601, 46.3075, 57.9554** is the 20% darker color. If you saturate the color by 10%, you get **65.6548, 80.6651, 102.5534**, and if you desaturate by 10%, it is **78.9263, 88.6406, 103.3934**.

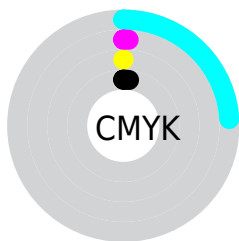
Distribution



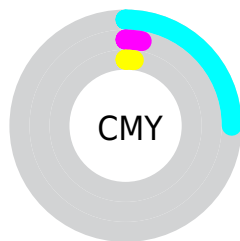
- Red (75%)
- Green (97%)
- Blue (98%)



- Red (75%)
- Yellow (86%)
- Blue (98%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7513, 84.3708, 102.9460 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 71.7513, 84.3708, 102.9460 by changing the saturation by 10% instead.

71.7513, 84.3708,
102.9460

71.7513, 84.3708,
102.9460

455.8466,
509.5438, 590.9242

53.2403, 63.3216,
78.1326

120.7156,
139.4938, 167.2869

38.2229, 46.1014,
57.6658

151.8996,
174.3363, 207.6514

26.3337, 32.3259,
41.1271

188.0386,
214.5455, 254.0368

17.2074, 21.6105,
28.0980

229.4980,
260.5056, 306.8614

10.4787, 13.5710,
18.1598

276.6431,
312.6011, 366.5440

5.7822, 7.8229,
10.8942

329.8394,

2.7525, 3.9818,

371.2163, 433.5029

5.8824

389.4521,
436.7358, 508.1568

■ 1.0243, 1.6634,
2.7061

■ 0.0000, 0.3998,
0.9465

■ 71.7513, 84.3708,
102.9460

■ 71.7513, 84.3708,
102.9460

■ 65.6548, 80.6651,
102.5534

■ 78.9263, 88.6406,
103.3934

■ 60.5748, 77.4850,
102.2074

■ 87.2231, 93.4904,
103.8922

■ 56.4542, 74.8033,
101.9069

■ 92.9151, 97.0012,
104.2698

■ 53.2273, 72.5861,
101.6490

■ 93.3059, 97.7829,
104.4001

■ 50.8203, 70.7953,
101.4302

■ 93.6994, 98.5699,
104.5313

■ 49.1474, 69.3867,
101.2465

■ 94.0954, 99.3619,
104.6633

■ 48.1039, 68.3064,
101.0930

■ 94.2556, 99.6822,
104.7167

■ 47.6888, 67.7688,
101.0111

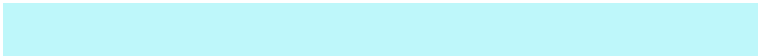
Harmonies

Analogous

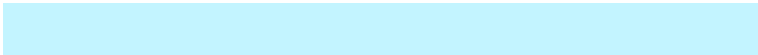
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1139, 84.3708, 88.6017



71.7513, 84.3708, 102.9460



74.6060, 84.3708, 115.4022

Triad

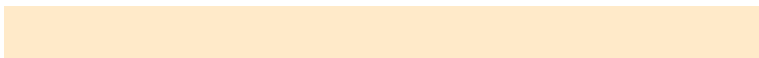
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7513, 84.3708, 102.9460



88.0367, 84.3708, 109.2428



81.3508, 84.3708, 67.3862

Complementary

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



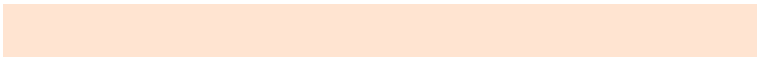
71.7513, 84.3708, 102.9460



67.7895, 62.1821, 57.1464

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.



86.0499, 84.3708, 71.7685



71.7513, 84.3708, 102.9460



90.0114, 84.3708, 95.2084

Square

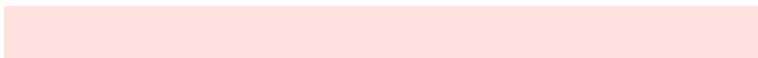
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7513, 84.3708, 102.9460



83.9729, 84.3708, 119.2908



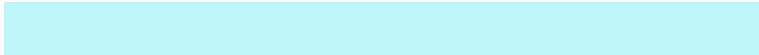
89.2698, 84.3708, 81.6100



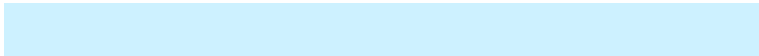
76.5261, 84.3708, 69.0029

Rectangle

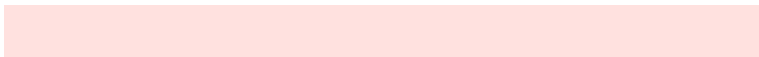
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



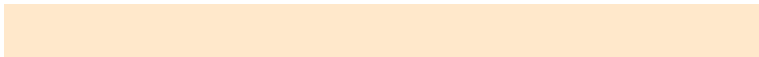
71.7513, 84.3708, 102.9460



77.4480, 84.3708, 120.4700



89.2698, 84.3708, 81.6100



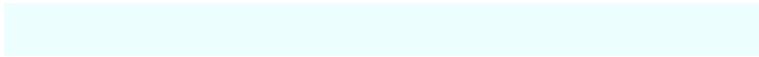
82.9999, 84.3708, 68.1902

Sweetspot

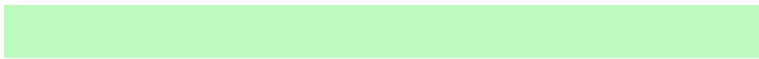
The Sweet Spot groups the original color and five complimentary colors.



71.7538, 84.3742, 102.9479



88.5014, 96.2028, 108.5122



64.9369, 83.1257, 62.4932



18.8281, 20.5244, 23.2192



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

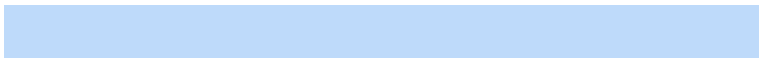
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7538, 84.3742, 102.9479



71.7107, 86.2356, 107.4733



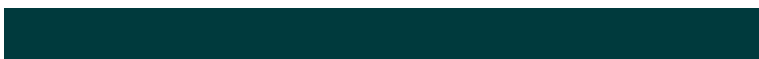
63.5636, 67.9938, 100.2179



17.6872, 19.4512, 22.2075



25.3279, 36.0114, 53.5895



2.3680, 3.3796, 4.9707

Inverse Universe

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



74.6283, 63.8682, 96.3940



75.2350, 61.3124, 99.3892



74.8414, 76.2859, 59.4970



17.9534, 17.5087, 21.6103



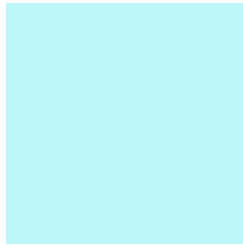
29.0764, 14.0463, 43.9722



2.7042, 1.3054, 4.1315

Previews

White Background



This preview shows how the XYZ color 71.7513, 84.3708, 102.9460 looks on a white background.

Color Contrast Check

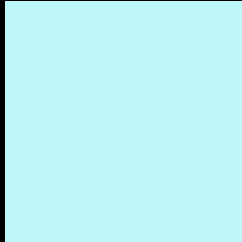
Large Text (above 18pt) WCAG AA × Fail

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 71.7513, 84.3708, 102.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

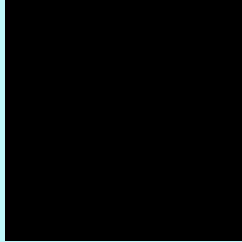
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7513, 84.3708, 102.9460

Background



This preview shows how black text looks on a background with the XYZ color 71.7513, 84.3708, 102.9460.

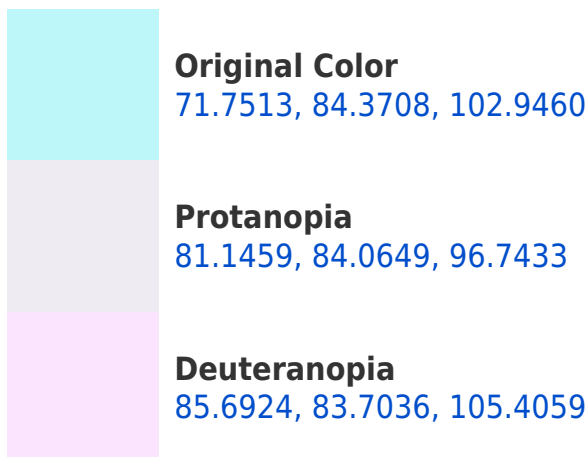


This preview shows how white text looks on a background with the XYZ color 71.7513, 84.3708,

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

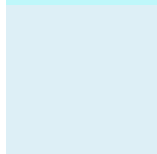
76.0966, 84.2796, 106.8646

Trichromacy



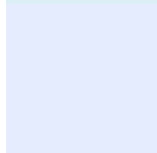
Original Color

71.7513, 84.3708, 102.9460



Protanomaly

77.3198, 83.7590, 99.2807



Deuteranomaly

80.0382, 83.7408, 104.8736



Tritanomaly

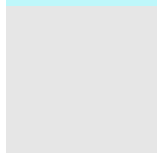
74.4374, 84.3498, 105.2864

Monochromacy



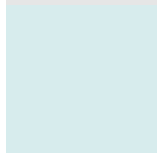
Original Color

71.7513, 84.3708, 102.9460



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.3058, 80.5524, 91.8053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7513, 84.3708, 102.9460 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(190, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(190, 247, 250)  
}
```

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(190, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 247, 250) }
```

Border

The CSS property to change the border of an element to XYZ 71.7513, 84.3708, 102.9460 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(190, 247, 250) }
```


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

```
.border{ border-color:rgb(190, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(190, 247,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7513, 84.3708, 102.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 247, 250) }
```

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

```
.background{ background-color: rgb(190,  
247, 250) }
```

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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