

Converting Colors

XYZ(70.9173, 86.7559, 95.3718)

Have a look what the booklet for
XYZ(70.9173, 86.7559, 95.3718)
contains.

XYZ(71.1032, 86.9809, 95.4795)	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(71.1032, 86.9809,
95.4795)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFDF0
RGB	186, 253, 240
RGB Percent	73%, 99%, 94%
CMY	0.2706, 0.0078, 0.0588
CMYK	0.26, 0.00, 0.05, 0.01
HSL	168°, 94%, 86%
HSV	168°, 26%, 99%
XYZ	71.1032, 86.9809, 95.4795
YIQ	231.4850, -35.7590, -18.2470

Conversions

Conversions Part 2

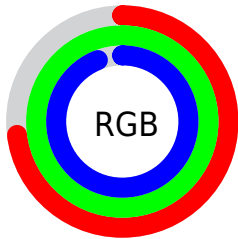
Format	Color
RYB	186, 223, 253
Decimal	12254704
CIELab	94.73, -23.39, -0.52
CIElCh	95, 23.398, 181.267
Yxy	86.9809, 0.2804, 0.3430
Android (android.graphics.Color)	4290444784 (0xFFBAFDF0)
YUV	231.4850, 4.1979, -39.8903
Hunter-Lab	93.2636, -27.1246, 4.5858

Details

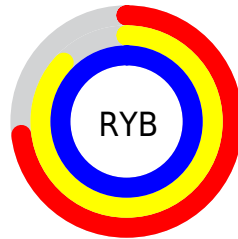
The XYZ color **71.1032, 86.9809, 95.4795** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.3788, 60.1265, 62.0382**, and the grayscale version is **76.3078, 80.2817, 87.4268**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **37.7517, 47.7658, 52.5774** is the 20% darker color. If you saturate the color by 10%, you get **64.7735, 83.8033, 91.4285**, and if you desaturate by 10%, it is **78.5458, 90.7345, 99.6894**.

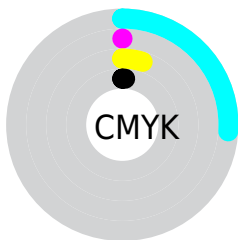
Distribution



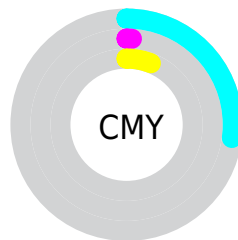
- Red (73%)
- Green (99%)
- Blue (94%)



- Red (73%)
- Yellow (87%)
- Blue (99%)



- Cyan (26%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)





- Cyan (27%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1032, 86.9809, 95.4795 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 71.1032, 86.9809, 95.4795 by changing the saturation by 10% instead.


 71.1032, 86.9809,
95.4795

 71.1032, 86.9809,
95.4795


453.6203,
518.1601, 566.7224

 52.7093, 65.4794,
71.9350

 119.7984,
143.1375, 156.9282

 37.7973, 47.8499,
52.6191


150.8303,
178.5614, 195.6694

 26.0019, 33.7080,
37.1131


186.8056,
219.3949, 240.3134

 16.9577, 22.6694,
24.9986

228.0897,
266.0224, 291.2786

 10.2995, 14.3496,
15.8570

275.0478,
318.8283, 348.9835

 5.6618, 8.3642,
9.2698

328.0454,

 2.6792, 4.3289,

378.1969, 413.8468

4.8184

387.4478,
444.5127, 486.2869

■ 0.9865, 1.8592,
2.0842

■ 0.0000, 0.5237,
0.6063

■ 71.1032, 86.9809,
95.4795

■ 71.1032, 86.9809,
95.4795

■ 64.7735, 83.8033,
91.4285

■ 78.5458, 90.7345,
99.6894

■ 59.4918, 81.1613,
87.5269

■ 87.1472, 95.0810,
104.0554

■ 55.1976, 79.0262,
83.7729

■ 94.3737, 98.7163,
108.4618

■ 51.8213, 77.3621,
80.1626

■ 94.4168, 98.7336,
108.6889

■ 49.2841, 76.1283,
76.6913

■ 47.4935, 75.2773,
73.3538

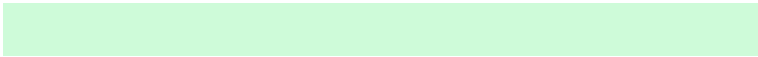
■ 46.3340, 74.7493,
70.1440

■ 46.0144, 74.6086,
69.0422

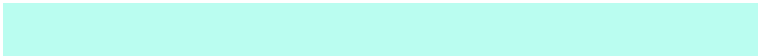
Harmonies

Analogous

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



72.4630, 86.9809, 78.9348



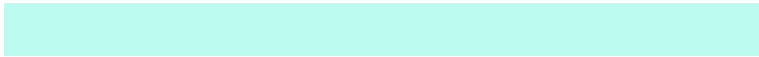
71.1032, 86.9809, 95.4795



72.7095, 86.9809, 113.9546

Triad

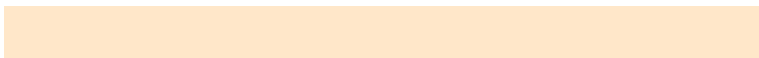
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1032, 86.9809, 95.4795



89.1453, 86.9809, 127.6978



88.6565, 86.9809, 67.3376

Complementary

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



71.1032, 86.9809, 95.4795



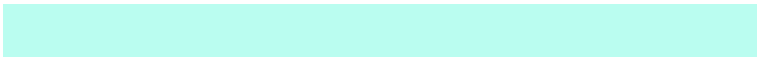
68.3788, 60.1265, 62.0382

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.



93.5069, 86.9809, 77.7595



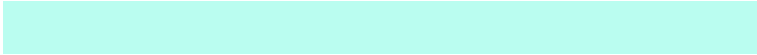
71.1032, 86.9809, 95.4795



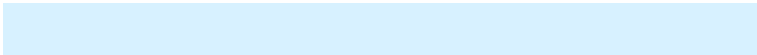
93.7991, 86.9809, 112.4525

Square

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



71.1032, 86.9809, 95.4795



82.9419, 86.9809, 133.9597



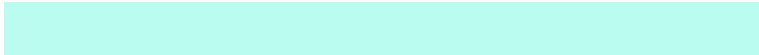
95.4338, 86.9809, 93.9395



82.4042, 86.9809, 63.9861

Rectangle

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



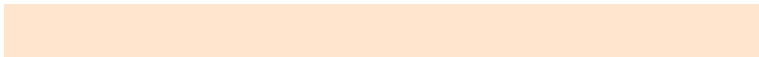
71.1032, 86.9809, 95.4795



75.2962, 86.9809, 124.5500



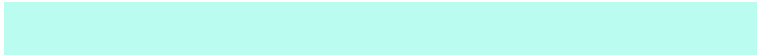
95.4338, 86.9809, 93.9395



90.5159, 86.9809, 70.0586

Sweetspot

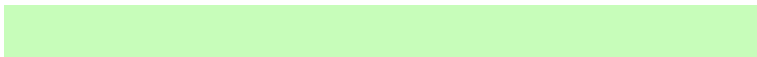
The Sweet Spot groups the original color and five complimentary colors.



71.1057, 86.9844, 95.4815



87.3081, 96.0818, 105.2447



67.6504, 85.9963, 59.4895



18.3948, 20.4175, 22.3821



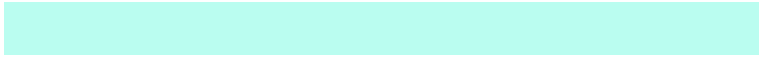
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

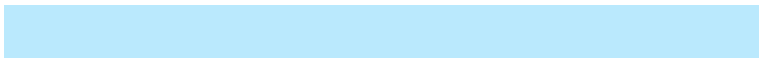
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1057, 86.9844, 95.4815



68.6864, 86.6916, 94.9014



67.0927, 75.7553, 104.0186



18.3948, 20.4175, 22.3821



24.5293, 39.7083, 37.0021



2.4252, 3.8810, 3.7971

Inverse Universe

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



68.3788, 60.1265, 62.0382



65.4714, 54.9852, 55.4411



71.4693, 68.6214, 55.9345



18.1534, 18.0447, 19.4251



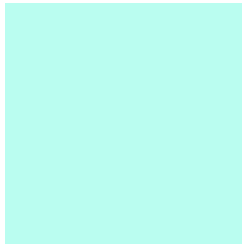
21.8845, 11.2431, 2.7765



2.1668, 1.1091, 0.4597

Previews

White Background



This preview shows how the XYZ color 71.1032, 86.9809, 95.4795 looks on a white background.

Color Contrast Check

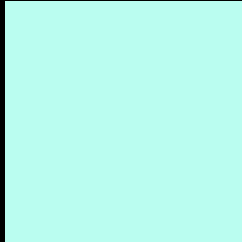
Large Text (above 18pt) WCAG AA × Fail

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 71.1032, 86.9809, 95.4795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

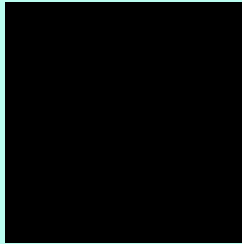
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

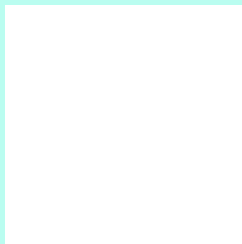
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1032, 86.9809, 95.4795

Background



This preview shows how black text looks on a background with the XYZ color 71.1032, 86.9809, 95.4795.



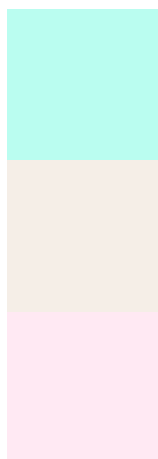
This preview shows how white text looks on a background with the XYZ color 71.1032, 86.9809,

95.4795.

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

71.1032, 86.9809, 95.4795

Protanopia

82.6545, 86.3311, 87.9085

Deuteranopia

86.5566, 86.0089, 96.8334



Tritanopia

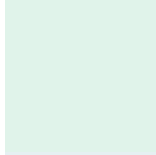
78.7196, 86.5203, 107.1589

Trichromacy



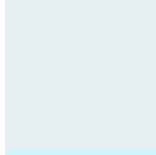
Original Color

71.1032, 86.9809, 95.4795



Protanomaly

77.6423, 85.8890, 90.3279



Deuteranomaly

79.8202, 85.5540, 96.3110



Tritanomaly

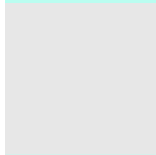
75.6929, 86.4028, 103.1304

Monochromacy



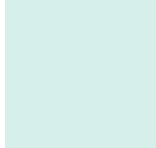
Original Color

71.1032, 86.9809, 95.4795



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.7421, 82.1206, 89.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1032, 86.9809, 95.4795 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(186, 253, 240)` looks like.

```
.text, #text, p{  
    color:rgb(186, 253, 240)  
}
```

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(186, 253, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 253, 240) }
```

Border

The CSS property to change the border of an element to XYZ 71.1032, 86.9809, 95.4795 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(186, 253, 240) }
```


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

```
.border{ border-color:rgb(186, 253, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 253, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 253, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 253, 240);  
box-shadow:4px 4px 4px 4px rgb(186, 253,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1032, 86.9809, 95.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 253, 240) }
```

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

```
.background{ background-color: rgb(186,  
253, 240) }
```

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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