

Converting Colors

XYZ(71.6759, 88.2358, 94.9031)

Have a look what the booklet for
XYZ(71.6759, 88.2358, 94.9031)
contains.

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Color

**XYZ(71.5897, 88.1911,
94.9108)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFFEF
RGB	186, 255, 239
RGB Percent	73%, 100%, 94%
CMY	0.2706, 0.0000, 0.0627
CMYK	0.27, 0.00, 0.06, 0.00
HSL	166°, 100%, 86%
HSV	166°, 27%, 100%
XYZ	71.5897, 88.1911, 94.9108
YIQ	232.5450, -35.9880, -19.6040

Conversions

Conversions Part 2

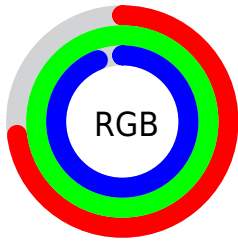
Format	Color
RYB	186, 225, 255
Decimal	12255215
CIELab	95.24, -24.56, 0.74
CIELCh	95, 24.574, 178.263
Yxy	88.1911, 0.2811, 0.3463
Android (android.graphics.Color)	4290445295 (0xFFBAFFEF)
YUV	232.5450, 3.1823, -40.8200
Hunter-Lab	93.9101, -28.2683, 5.8153

Details

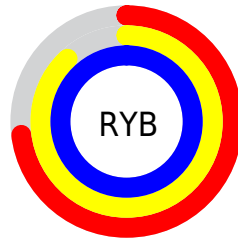
The XYZ color **71.5897, 88.1911, 94.9108** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4603, 60.6433, 63.9220**, and the grayscale version is **77.1062, 81.1218, 88.3416**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **38.1014, 48.6324, 52.1786** is the 20% darker color. If you saturate the color by 10%, you get **65.0787, 84.9338, 90.1216**, and if you desaturate by 10%, it is **79.2366, 92.0306, 99.9052**.

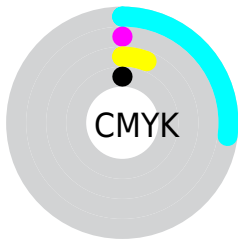
Distribution



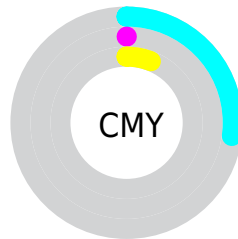
- Red (73%)
- Green (100%)
- Blue (94%)



- Red (73%)
- Yellow (88%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5897, 88.1911, 94.9108 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 71.5897, 88.1911, 94.9108 by changing the saturation by 10% instead.


 71.5897, 88.1911,
94.9108

 71.5897, 88.1911,
94.9108


455.2921,
522.1288, 564.8564

 53.1078, 66.4813,
71.4643


 120.4870,
144.8232, 156.1359

 38.1167, 48.6632,
52.2370


151.6331,
180.5143, 194.7515

 26.2509, 34.3524,
36.8105


187.7314,
221.6346, 239.2606

 17.1451, 23.1645,
24.7661

229.1471,
268.5686, 290.0816

 10.4339, 14.7150,
15.6855

276.2457,
321.7007, 347.6332

 5.7521, 8.6196,
9.1499

329.3925,

 2.7341, 4.4939,

381.4151, 412.3338

4.7410

388.9528,
448.0964, 484.6020

■ 1.0148, 1.9535,
2.0400

■ 0.0000, 0.5802,
0.5797

■ 71.5897, 88.1911,
94.9108

■ 71.5897, 88.1911,
94.9108

■ 65.0787, 84.9338,
90.1216

■ 79.2366, 92.0306,
99.9052


■ 59.6417, 82.2269,
85.5290


■ 88.0713, 96.4791,
105.1044


■ 55.2151, 80.0377,
81.1300


95.0500, 100.0000,
108.9000

■ 51.7274, 78.3293,
76.9199

 49.0974, 77.0599,
72.8933

 47.2296, 76.1803,
69.0444

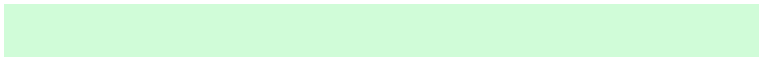
 46.0025, 75.6278,
65.3659

 45.7095, 75.4998,
64.3133

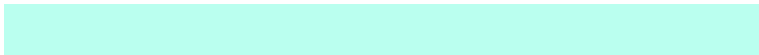
Harmonies

Analogous

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



73.3330, 88.1911, 77.8890



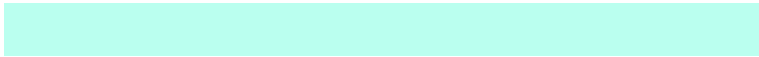
71.5897, 88.1911, 94.9108



72.9763, 88.1911, 114.5846

Triad

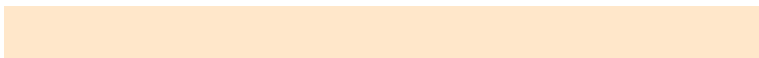
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5897, 88.1911, 94.9108



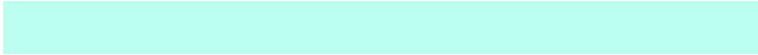
90.0750, 88.1911, 132.3413



90.7866, 88.1911, 67.9306

Complementary

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



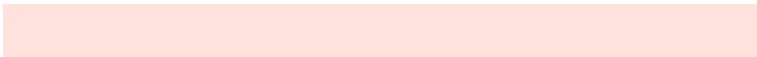
71.5897, 88.1911, 94.9108



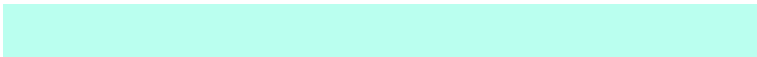
69.4603, 60.6433, 63.9220

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.



95.6945, 88.1911, 79.5864



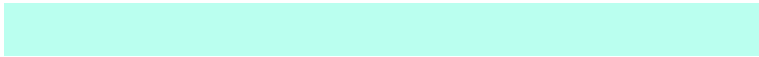
71.5897, 88.1911, 94.9108



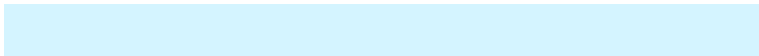
95.2685, 88.1911, 116.7782

Square

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



71.5897, 88.1911, 94.9108



83.4330, 88.1911, 137.8444



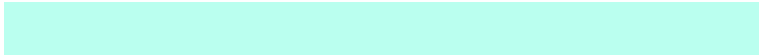
97.3761, 88.1911, 97.1481



84.2142, 88.1911, 63.6553

Rectangle

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



71.5897, 88.1911, 94.9108



75.5328, 88.1911, 126.2849



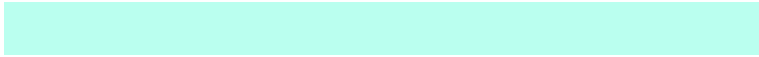
97.3761, 88.1911, 97.1481



92.6986, 88.1911, 71.0320

Sweetspot

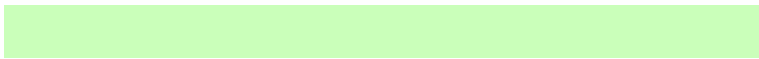
The Sweet Spot groups the original color and five complimentary colors.



71.5906, 88.1916, 94.9123



87.1867, 96.0332, 104.6056



69.0080, 87.6361, 59.7343



18.3641, 20.4052, 22.2203



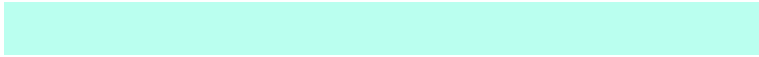
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

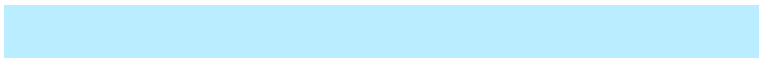
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5906, 88.1916, 94.9123



68.2341, 86.5107, 92.5196



68.4691, 77.9969, 106.0539



18.3641, 20.4052, 22.2203



23.9444, 39.4744, 33.9223



2.3730, 3.8601, 3.5223

Inverse Universe

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



69.4603, 60.6433, 63.9220



65.8104, 55.1208, 57.2262



71.7918, 68.1824, 55.8326



18.1819, 18.0561, 19.5751



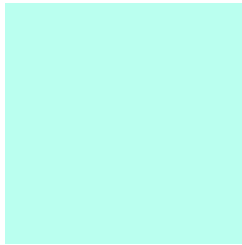
22.0099, 11.2933, 3.4367



2.1828, 1.1155, 0.5441

Previews

White Background



This preview shows how the XYZ color 71.5897, 88.1911, 94.9108 looks on a white background.

Color Contrast Check

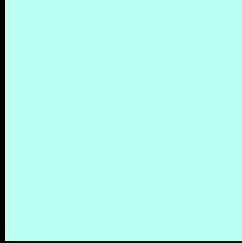
Large Text (above 18pt) WCAG AA × Fail

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 71.5897, 88.1911, 94.9108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

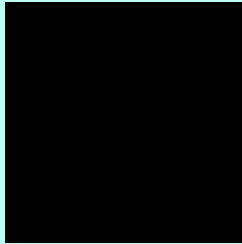
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

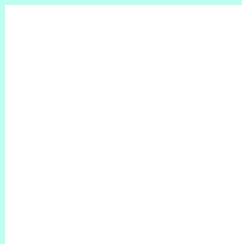
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5897, 88.1911, 94.9108

Background



This preview shows how black text looks on a background with the XYZ color 71.5897, 88.1911, 94.9108.



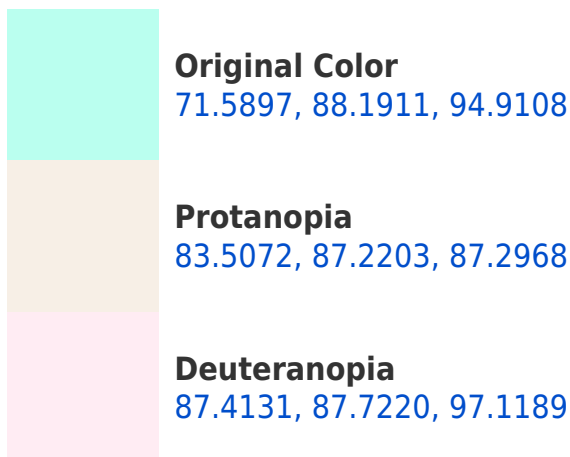
This preview shows how white text looks on a background with the XYZ color 71.5897, 88.1911,

94.9108.

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

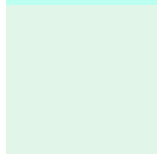
80.2176, 87.7405, 107.3154

Trichromacy



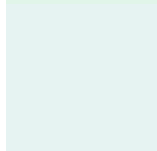
Original Color

71.5897, 88.1911, 94.9108



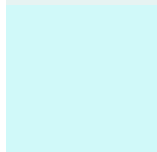
Protanomaly

78.4117, 87.1956, 89.7885



Deuteranomaly

80.7107, 87.3350, 96.6078



Tritanomaly

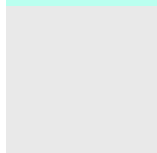
76.9870, 88.0008, 102.5507

Monochromacy



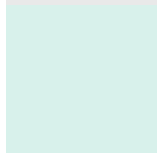
Original Color

71.5897, 88.1911, 94.9108



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.7696, 83.5077, 90.7751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5897, 88.1911, 94.9108 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, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 239)  
}
```

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, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 71.5897, 88.1911, 94.9108 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, 255, 239) }
```


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

```
.border{ border-color:rgb(186, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5897, 88.1911, 94.9108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 239) }
```

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

```
.background{ background-color: rgb(186,  
255, 239) }
```

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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