

Converting Colors

XYZ(73.8764, 92.7034, 94.6760)

Have a look what the booklet for
XYZ(73.8764, 92.7034, 94.6760)
contains.

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Color

**XYZ(71.6861, 88.2578,
94.1461)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFFEE
RGB	187, 255, 238
RGB Percent	73%, 100%, 93%
CMY	0.2667, 0.0000, 0.0667
CMYK	0.27, 0.00, 0.07, 0.00
HSL	165°, 100%, 87%
HSV	165°, 27%, 100%
XYZ	71.6861, 88.2578, 94.1461
YIQ	232.7300, -35.0710, -19.7030

Conversions

Conversions Part 2

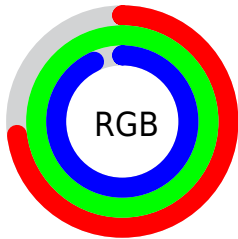
Format	Color
RYB	187, 226, 255
Decimal	12320750
CIELab	95.27, -24.48, 1.31
CIElCh	95, 24.514, 176.942
Yxy	88.2578, 0.2821, 0.3473
Android (android.graphics.Color)	4290510830 (0xFFBBFFEE)
YUV	232.7300, 2.5981, -40.1052
Hunter-Lab	93.9456, -28.1987, 6.3454

Details

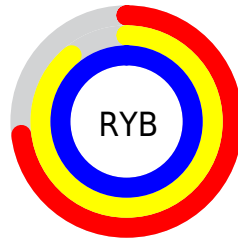
The XYZ color **71.6861, 88.2578, 94.1461** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.9101, 61.1614, 65.2479**, and the grayscale version is **77.2489, 81.2718, 88.5050**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **38.1533, 48.6711, 51.6395** is the 20% darker color. If you saturate the color by 10%, you get **65.0720, 84.9544, 89.0348**, and if you desaturate by 10%, it is **79.4429, 92.1464, 99.4868**.

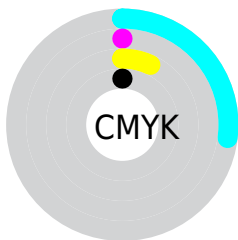
Distribution



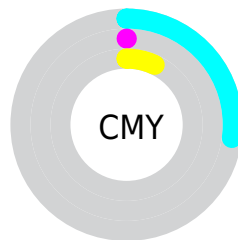
- Red (73%)
- Green (100%)
- Blue (93%)



- Red (73%)
- Yellow (89%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6861, 88.2578, 94.1461 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 71.6861, 88.2578, 94.1461 by changing the saturation by 10% instead.


 71.6861, 88.2578,
94.1461

 71.6861, 88.2578,
94.1461


455.6229,
522.3471, 562.3420

 53.1868, 66.5366,
70.8315


 120.6234,
144.9160, 155.0698

 38.1800, 48.7081,
51.7237


151.7921,
180.6218, 193.5160

 26.3003, 34.3880,
36.4042


187.9146,
221.7579, 237.8431

 17.1823, 23.1918,
24.4544

229.3564,
268.7088, 288.4698

 10.4606, 14.7352,
15.4557

276.4828,
321.8587, 345.8144

 5.7700, 8.6338,
8.9897

329.6591,

 2.7451, 4.5031,

381.5921, 410.2957

4.6377

389.2507,
448.2935, 482.3320

■ 1.0204, 1.9588,
1.9813

■ 0.0000, 0.5834,
0.5438

■ 71.6861, 88.2578,
94.1461

■ 71.6861, 88.2578,
94.1461

■ 65.0720, 84.9544,
89.0348

■ 79.4429, 92.1464,
99.4868

■ 59.5389, 82.2045,
84.1441

■ 88.3941, 96.6469,
105.0569

■ 55.0233, 79.9754,
79.4705

95.0500, 100.0000,
108.9000

■ 51.4539, 78.2303,
75.0090

■ 48.7498, 76.9277,
70.7539

■ 46.8164, 76.0188,
66.6989

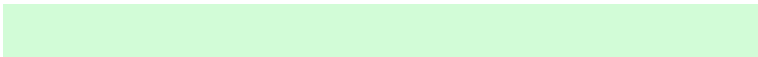
■ 45.5345, 75.4421,
62.8364

■ 45.1920, 75.2928,
61.5882

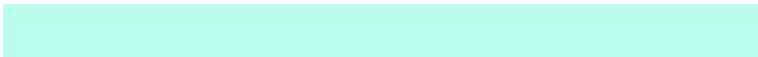
Harmonies

Analogous

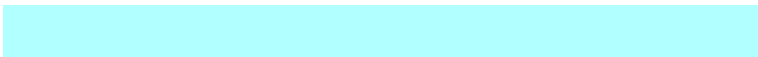
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5608, 88.2578, 77.3710



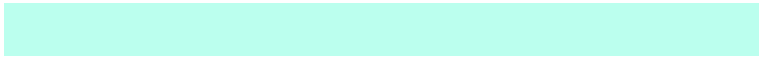
71.6861, 88.2578, 94.1461



72.9340, 88.2578, 113.7742

Triad

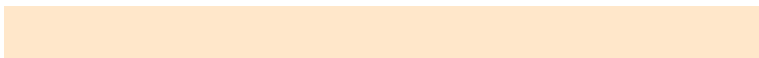
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6861, 88.2578, 94.1461



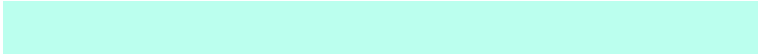
89.8506, 88.2578, 132.8212



91.1004, 88.2578, 68.4109

Complementary

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



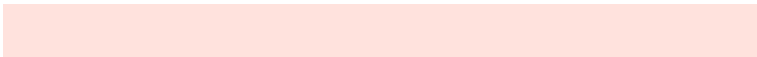
71.6861, 88.2578, 94.1461



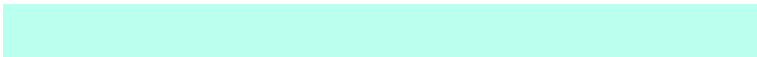
69.9101, 61.1614, 65.2479

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.



95.8837, 88.2578, 80.3540



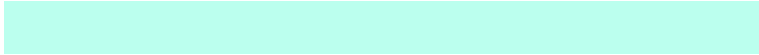
71.6861, 88.2578, 94.1461



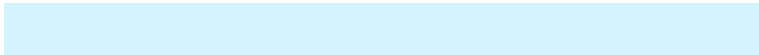
95.1356, 88.2578, 117.6259

Square

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



71.6861, 88.2578, 94.1461



83.2021, 88.2578, 137.7777



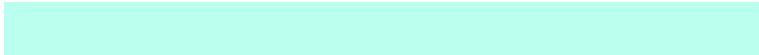
97.3979, 88.2578, 98.0762



84.5744, 88.2578, 63.8057

Rectangle

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



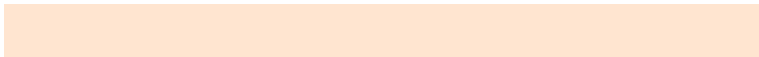
71.6861, 88.2578, 94.1461



75.4073, 88.2578, 125.6060



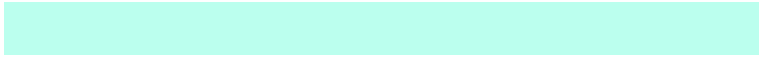
97.3979, 88.2578, 98.0762



92.9785, 88.2578, 71.6158

Sweetspot

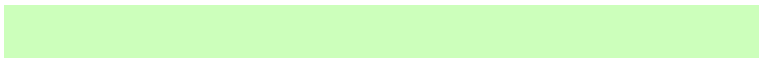
The Sweet Spot groups the original color and five complimentary colors.



71.6870, 88.2583, 94.1476



87.1287, 96.0100, 104.3002



69.6323, 87.9456, 60.3204



18.3494, 20.3993, 22.1430



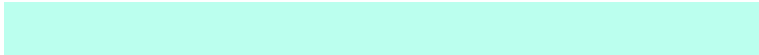
0.0000, 0.0000, 0.0000



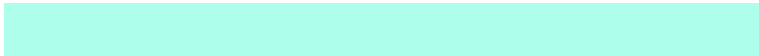
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6870, 88.2583, 94.1476



68.0200, 86.4251, 91.3923



69.1189, 78.9346, 106.2007



18.3494, 20.3993, 22.1430



23.6768, 39.3673, 32.5128



2.3490, 3.8505, 3.3956

Inverse Universe

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



69.9101, 61.1614, 65.2479



65.9754, 55.1868, 58.0952



71.8032, 68.0346, 56.3627



18.1956, 18.0616, 19.6472



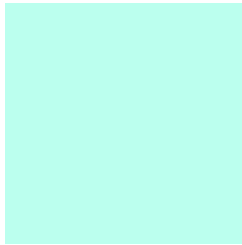
22.0784, 11.3206, 3.7971



2.1912, 1.1188, 0.5882

Previews

White Background



This preview shows how the XYZ color 71.6861, 88.2578, 94.1461 looks on a white background.

Color Contrast Check

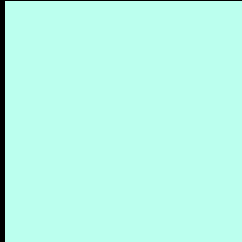
Large Text (above 18pt) WCAG AA × Fail

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 71.6861, 88.2578, 94.1461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

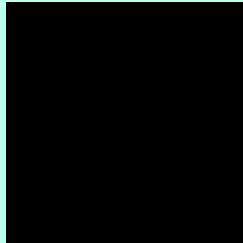
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6861, 88.2578, 94.1461

Background



This preview shows how black text looks on a background with the XYZ color 71.6861, 88.2578, 94.1461.

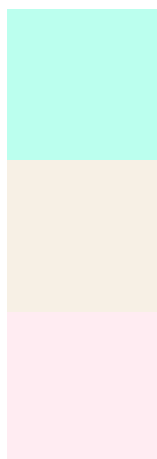


This preview shows how white text looks on a background with the XYZ color 71.6861, 88.2578,

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

71.6861, 88.2578, 94.1461

Protanopia

83.6607, 87.7515, 86.6571

Deuteranopia

87.2625, 87.6617, 96.3256



Tritanopia

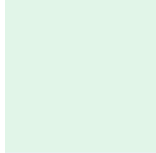
80.2176, 87.7405, 107.3154

Trichromacy



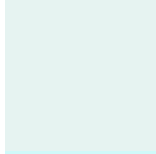
Original Color

71.6861, 88.2578, 94.1461



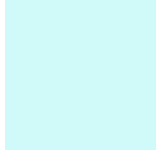
Protanomaly

78.2692, 87.1386, 89.0381



Deuteranomaly

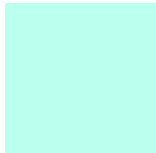
80.5609, 87.2751, 95.8188



Tritanomaly

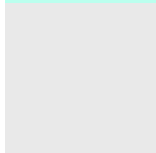
76.9870, 88.0008, 102.5507

Monochromacy



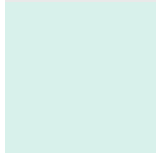
Original Color

71.6861, 88.2578, 94.1461



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 71.6861, 88.2578, 94.1461 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(187, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 238)  
}
```

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(187, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.6861, 88.2578, 94.1461 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(187, 255, 238) }
```


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

```
.border{ border-color:rgb(187, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6861, 88.2578, 94.1461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 238) }
```

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

```
.background{ background-color: rgb(187,  
255, 238) }
```

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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