

Converting Colors

XYZ(77.1148, 100.0000,
95.8980)

Have a look what the booklet for
XYZ(77.1148, 100.0000, 95.8980)
contains.

XYZ(71.2002, 88.0073, 94.1234)	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(71.2002, 88.0073,
94.1234)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FFEE
RGB	185, 255, 238
RGB Percent	73%, 100%, 93%
CMY	0.2745, 0.0000, 0.0667
CMYK	0.27, 0.00, 0.07, 0.00
HSL	165°, 100%, 86%
HSV	165°, 27%, 100%
XYZ	71.2002, 88.0073, 94.1234
YIQ	232.1320, -36.2630, -20.1270

Conversions

Conversions Part 2

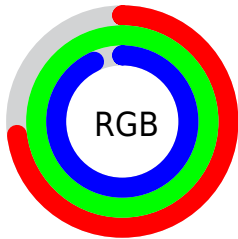
Format	Color
RYB	185, 225, 255
Decimal	12189678
CIELab	95.16, -25.06, 1.14
CIELCh	95, 25.082, 177.392
Yxy	88.0073, 0.2811, 0.3474
Android (android.graphics.Color)	4290379758 (0xFFB9FFEE)
YUV	232.1320, 2.8929, -41.3348
Hunter-Lab	93.8122, -28.6961, 6.1819

Details

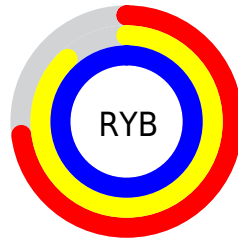
The XYZ color **71.2002, 88.0073, 94.1234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.2503, 60.2234, 63.8521**, and the grayscale version is **76.7989, 80.7984, 87.9895**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **37.8435, 48.5114, 51.6250** is the 20% darker color. If you saturate the color by 10%, you get **64.6964, 84.7578, 89.1521**, and if you desaturate by 10%, it is **78.8404, 91.8390, 99.3141**.

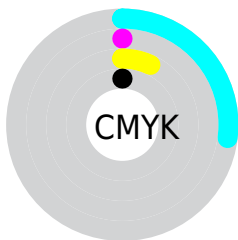
Distribution



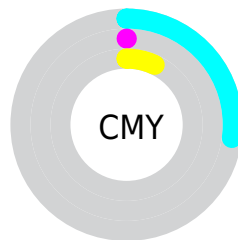
- Red (73%)
- Green (100%)
- Blue (93%)



- Red (73%)
- Yellow (88%)
- 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 71.2002, 88.0073, 94.1234 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 71.2002, 88.0073, 94.1234 by changing the saturation by 10% instead.


 71.2002, 88.0073,
94.1234

 71.2002, 88.0073,
94.1234


453.9539,
521.5271, 562.2673

 52.7887, 66.3291,
70.8127


 119.9357,
144.5673, 155.0381

 37.8609, 48.5396,
51.7085


150.9904,
180.2179, 193.4793

 26.0515, 34.2544,
36.3921


186.9903,
221.2948, 237.8010

 16.9950, 23.0891,
24.4451

228.3006,
268.1824, 288.4219

 10.3262, 14.6593,
15.4489

275.2868,
321.2650, 345.7604

 5.6797, 8.5806,
8.9849

328.3142,

 2.6901, 4.4687,

380.9271, 410.2351

4.6347

387.7481,
447.5530, 482.2646

■ 0.9921, 1.9390,
1.9796

■ 0.0000, 0.5717,
0.5427

■ 71.2002, 88.0073,
94.1234

■ 71.2002, 88.0073,
94.1234

■ 64.6964, 84.7578,
89.1521

■ 78.8404, 91.8390,
99.3141

■ 59.2669, 82.0585,
84.3915

■ 87.6690, 96.2798,
104.7239

■ 54.8478, 79.8766,
79.8383

95.0500, 100.0000,
108.9000

■ 51.3673, 78.1750,
75.4874

■ 48.7435, 76.9117,
71.3334

■ 46.8804, 76.0370,
67.3700

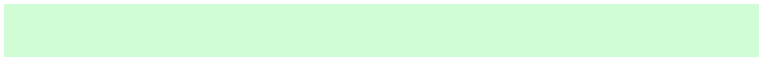
■ 45.6527, 75.4865,
63.5897

■ 45.3941, 75.3736,
62.6525

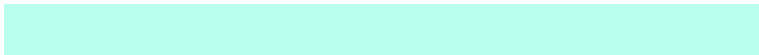
Harmonies

Analogous

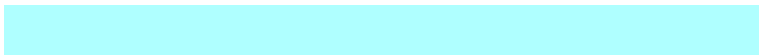
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0636, 88.0073, 76.9480



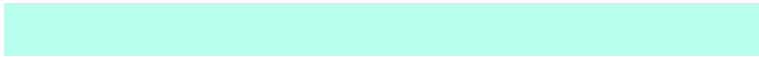
71.2002, 88.0073, 94.1234



72.5188, 88.0073, 114.1962

Triad

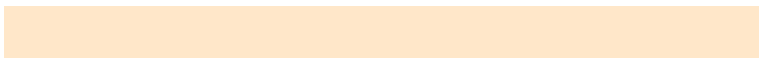
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2002, 88.0073, 94.1234



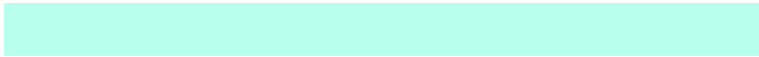
89.8386, 88.0073, 133.2587



90.9286, 88.0073, 67.4996

Complementary

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



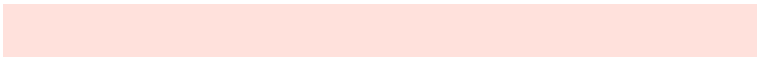
71.2002, 88.0073, 94.1234



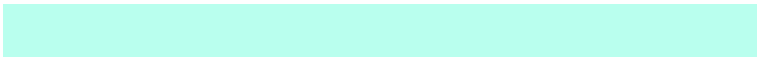
69.2503, 60.2234, 63.8521

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.



95.8619, 88.0073, 79.5379



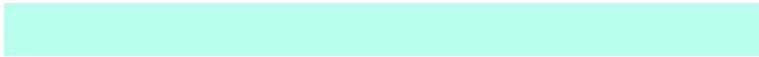
71.2002, 88.0073, 94.1234



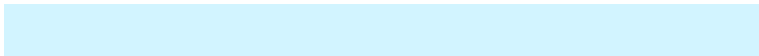
95.2088, 88.0073, 117.5614

Square

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



71.2002, 88.0073, 94.1234



83.0520, 88.0073, 138.5334



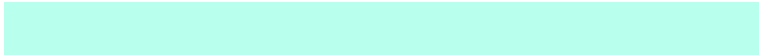
97.4688, 88.0073, 97.5470



84.2474, 88.0073, 62.9425

Rectangle

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



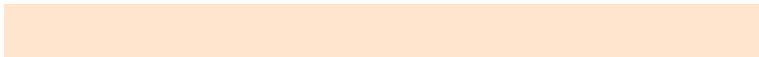
71.2002, 88.0073, 94.1234



75.0670, 88.0073, 126.2662



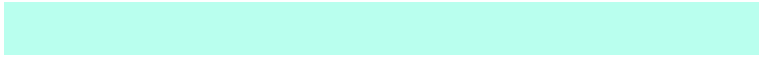
97.4688, 88.0073, 97.5470



92.8599, 88.0073, 70.7176

Sweetspot

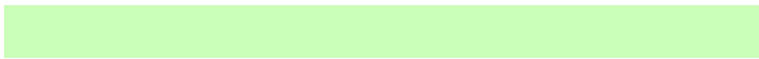
The Sweet Spot groups the original color and five complimentary colors.



71.2011, 88.0078, 94.1249



87.1516, 96.0192, 104.4205



69.0105, 87.6496, 59.1813



18.3552, 20.4016, 22.1734



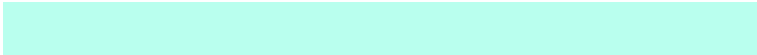
0.0000, 0.0000, 0.0000



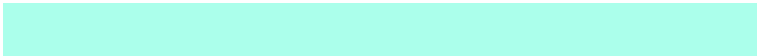
20.3446, 21.4041, 23.3091

Same Dimension

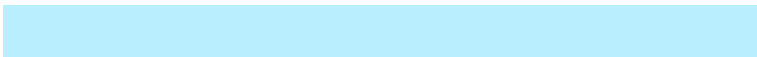
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2011, 88.0078, 94.1249



67.4545, 86.1341, 91.3385



68.4876, 78.3934, 106.1295



18.3552, 20.4016, 22.1734



23.7813, 39.4091, 33.0634



2.3584, 3.8543, 3.4451

Inverse Universe

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



69.2503, 60.2234, 63.8521



65.2100, 54.1033, 56.4608



71.2358, 67.2400, 55.1246



18.1902, 18.0594, 19.6187



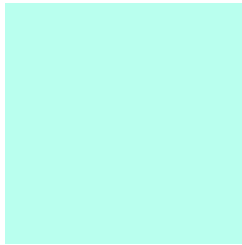
22.0507, 11.3096, 3.6516



2.1878, 1.1175, 0.5705

Previews

White Background



This preview shows how the XYZ color 71.2002, 88.0073, 94.1234 looks on a white background.

Color Contrast Check

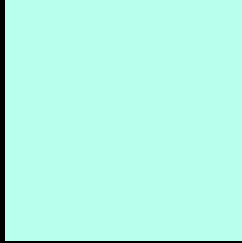
Large Text (above 18pt) WCAG AA × Fail

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 71.2002, 88.0073, 94.1234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

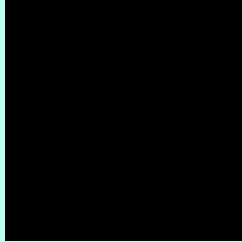
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

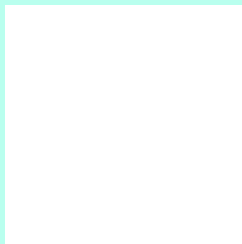
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2002, 88.0073, 94.1234

Background



This preview shows how black text looks on a background with the XYZ color 71.2002, 88.0073, 94.1234.



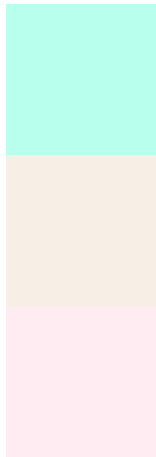
This preview shows how white text looks on a background with the XYZ color 71.2002, 88.0073,

94.1234.

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

71.2002, 88.0073, 94.1234

Protanopia

83.3671, 87.1643, 86.5592

Deuteranopia

86.9753, 87.0875, 96.2299



Tritanopia

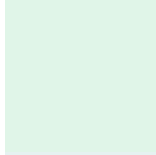
79.9158, 87.5849, 107.3013

Trichromacy



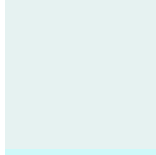
Original Color

71.2002, 88.0073, 94.1234



Protanomaly

77.9584, 86.9783, 89.0236



Deuteranomaly

80.2624, 86.6781, 95.7194



Tritanomaly

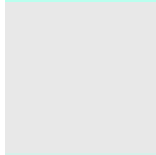
76.7067, 87.8563, 102.5376

Monochromacy



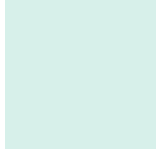
Original Color

71.2002, 88.0073, 94.1234



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.0357, 82.7078, 89.9040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2002, 88.0073, 94.1234 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(185, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.2002, 88.0073, 94.1234 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(185, 255, 238) }
```


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

```
.border{ border-color:rgb(185, 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(185, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2002, 88.0073, 94.1234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 238) }
```

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

```
.background{ background-color: rgb(185,  
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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