

Converting Colors

XYZ(72.9019, 88.8793, 94.4433)

Have a look what the booklet for
XYZ(72.9019, 88.8793, 94.4433)
contains.

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Color

**XYZ(72.9308, 88.8995,
94.2044)**

Conversions

Conversions Part 1

Format	Color
Hex	COFFEE
RGB	192, 255, 238
RGB Percent	75%, 100%, 93%
CMY	0.2470, 0.0000, 0.0667
CMYK	0.25, 0.00, 0.07, 0.00
HSL	164°, 100%, 88%
HSV	164°, 25%, 100%
XYZ	72.9308, 88.8995, 94.2044
YIQ	234.2250, -32.0910, -18.6430

Conversions

Conversions Part 2

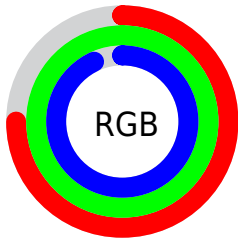
Format	Color
RYB	192, 228, 255
Decimal	12648430
CIELab	95.54, -23.02, 1.73
CIELCh	96, 23.085, 175.697
Yxy	88.8995, 0.2848, 0.3472
Android (android.graphics.Color)	4290838510 (0xFFC0FFEE)
YUV	234.2250, 1.8611, -37.0313
Hunter-Lab	94.2865, -26.9314, 6.7622

Details

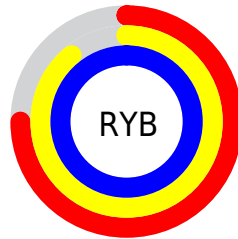
The XYZ color **72.9308, 88.8995, 94.2044** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.5988, 63.5638, 68.8172**, and the grayscale version is **78.3806, 82.4625, 89.8017**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **38.9541, 49.0839, 51.6770** is the 20% darker color. If you saturate the color by 10%, you get **66.0324, 85.4578, 88.7060**, and if you desaturate by 10%, it is **80.9883, 92.9342, 99.9616**.

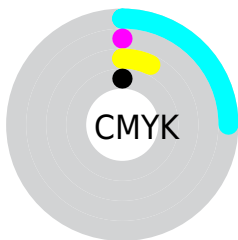
Distribution



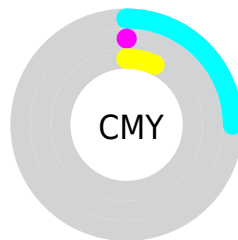
- Red (75%)
- Green (100%)
- Blue (93%)



- Red (75%)
- Yellow (89%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9308, 88.8995, 94.2044 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 72.9308, 88.8995, 94.2044 by changing the saturation by 10% instead.


 72.9308, 88.8995,
94.2044

 72.9308, 88.8995,
94.2044


459.8824,
524.4444, 562.5339

 54.2076, 67.0683,
70.8797


 122.3826,
145.8088, 155.1511

 38.9990, 49.1401,
51.7628


153.8419,
181.6557, 193.6102

 26.9396, 34.7306,
36.4351


190.2773,
222.9432, 237.9513

 17.6642, 23.4555,
24.4781

232.0541,
270.0557, 288.5927

 10.8074, 14.9302,
15.4732

279.5376,
323.3777, 345.9532

 6.0038, 8.7704,
9.0018

333.0933,

 2.8881, 4.5917,

383.2936, 410.4512

4.6456

393.0864,
450.1877, 482.5053

■ 1.0949, 2.0098,
1.9858

■ 0.0208, 0.6131,
0.5465

■ 72.9308, 88.8995,
94.2044

■ 72.9308, 88.8995,
94.2044

■ 66.0324, 85.4578,
88.7060

■ 80.9883, 92.9342,
99.9616


■ 60.2322, 82.5778,
83.4571


■ 90.2560, 97.5883,
105.9779


■ 55.4678, 80.2275,
78.4538


95.0500, 100.0000,
108.9000

■ 51.6695, 78.3709,
73.6907

 48.7583, 76.9674,
69.1617

 46.6427, 75.9697,
64.8601

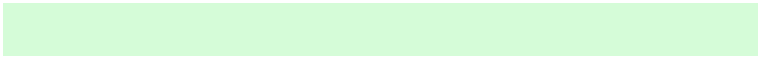
 45.2101, 75.3201,
60.7783

 44.6437, 75.0735,
58.7011

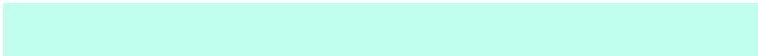
Harmonies

Analogous

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



74.8352, 88.8995, 78.4501



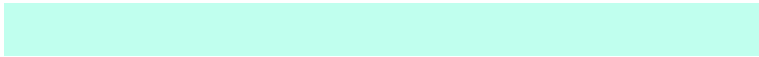
72.9308, 88.8995, 94.2044



73.9961, 88.8995, 112.7120

Triad

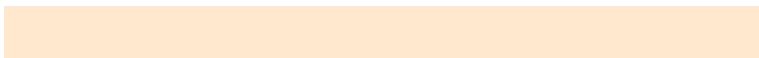
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9308, 88.8995, 94.2044



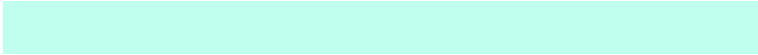
89.8847, 88.8995, 131.7280



91.5432, 88.8995, 70.7618

Complementary

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



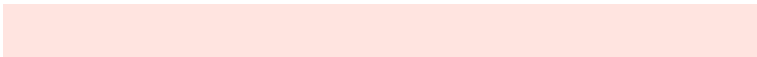
72.9308, 88.8995, 94.2044



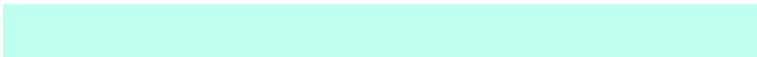
71.5988, 63.5638, 68.8172

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.



95.9456, 88.8995, 82.4544



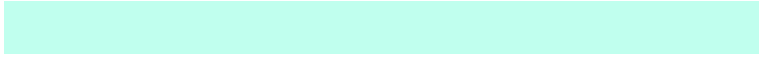
72.9308, 88.8995, 94.2044



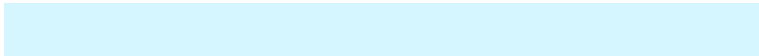
94.9551, 88.8995, 117.8009

Square

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



72.9308, 88.8995, 94.2044



83.5863, 88.8995, 135.8840



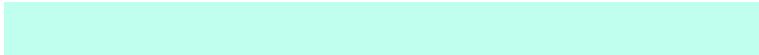
97.2241, 88.8995, 99.4356



85.4129, 88.8995, 66.0308

Rectangle

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



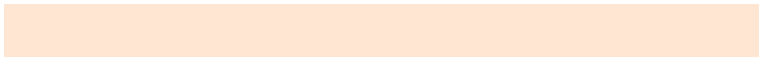
72.9308, 88.8995, 94.2044



76.2769, 88.8995, 123.9479



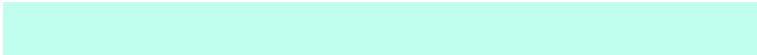
97.2241, 88.8995, 99.4356



93.2860, 88.8995, 73.9313

Sweetspot

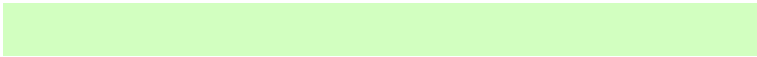
The Sweet Spot groups the original color and five complimentary colors.



72.9317, 88.8999, 94.2059



88.0193, 96.4640, 104.5739



71.8108, 89.0057, 63.2655



18.7162, 20.5852, 22.3046



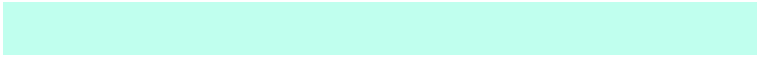
0.0000, 0.0000, 0.0000



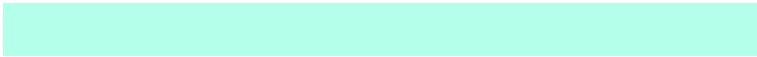
20.3446, 21.4041, 23.3091

Same Dimension

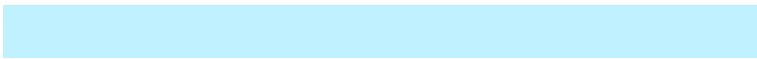
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9317, 88.8999, 94.2059



69.1379, 87.0054, 91.2621



71.3480, 81.5451, 106.5871



18.3334, 20.3929, 22.0586



23.3930, 39.2538, 31.0184



2.3234, 3.8403, 3.2607

Inverse Universe

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



71.5988, 63.5638, 68.8172



67.5853, 57.4302, 61.6419



72.7423, 69.0410, 59.3628



18.2107, 18.0676, 19.7265



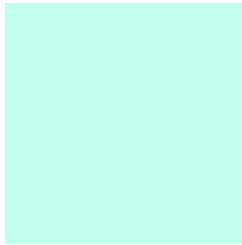
22.1597, 11.3532, 4.2256



2.2009, 1.1227, 0.6393

Previews

White Background



This preview shows how the XYZ color 72.9308, 88.8995, 94.2044 looks on a white background.

Color Contrast Check

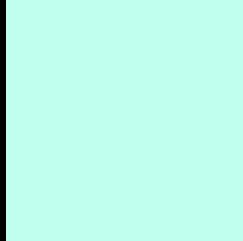
Large Text (above 18pt) WCAG AA × Fail

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 72.9308, 88.8995, 94.2044 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

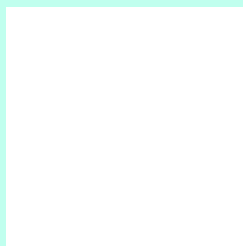
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9308, 88.8995, 94.2044

Background



This preview shows how black text looks on a background with the XYZ color 72.9308, 88.8995, 94.2044.

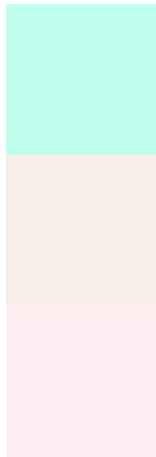


This preview shows how white text looks on a background with the XYZ color 72.9308, 88.8995,

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

72.9308, 88.8995, 94.2044

Protanopia

84.1544, 87.9898, 87.4112

Deuteranopia

87.5512, 88.2392, 96.4218



Tritanopia

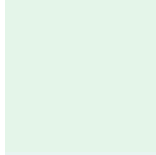
81.1338, 88.2128, 107.3583

Trichromacy



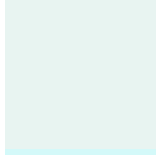
Original Color

72.9308, 88.8995, 94.2044



Protanomaly

79.3553, 87.6820, 89.8326



Deuteranomaly

81.5066, 88.2080, 95.9491



Tritanomaly

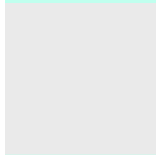
78.1259, 88.5880, 102.6040

Monochromacy



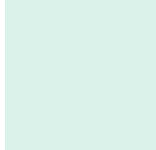
Original Color

72.9308, 88.8995, 94.2044



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.9609, 84.5625, 90.9159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9308, 88.8995, 94.2044 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(192, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 72.9308, 88.8995, 94.2044 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(192, 255, 238) }
```


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

```
.border{ border-color:rgb(192, 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(192, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9308, 88.8995, 94.2044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 238) }
```

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

```
.background{ background-color: rgb(192,  
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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