

Converting Colors

XYZ(85.6754, 113.7456,
96.2815)

Have a look what the booklet for
XYZ(85.6754, 113.7456, 96.2815)
contains.

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Color

**XYZ(73.2611, 89.1203,
91.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FFE8
RGB	195, 255, 235
RGB Percent	76%, 100%, 92%
CMY	0.2353, 0.0000, 0.0784
CMYK	0.24, 0.00, 0.08, 0.00
HSL	160°, 100%, 88%
HSV	160°, 24%, 100%
XYZ	73.2611, 89.1203, 91.9379
YIQ	234.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

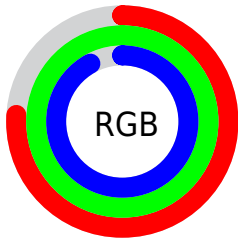
Format	Color
RYB	195, 231, 255
Decimal	12845035
CIELab	95.63, -22.73, 3.43
CIELCh	96, 22.985, 171.413
Yxy	89.1203, 0.2881, 0.3504
Android (android.graphics.Color)	4291035115 (0xFFC3FFEB)
YUV	234.7800, 0.1085, -34.8871
Hunter-Lab	94.4035, -26.6827, 8.3410

Details

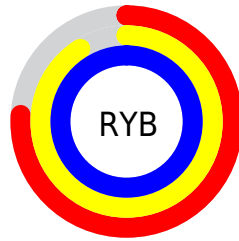
The XYZ color **73.2611, 89.1203, 91.9379** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0215, 65.1976, 73.0261**, and the grayscale version is **78.8133, 82.9177, 90.2974**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **39.1460, 49.2183, 50.0847** is the 20% darker color. If you saturate the color by 10%, you get **66.0267, 85.5293, 85.3422**, and if you desaturate by 10%, it is **81.6810, 93.3156, 98.8982**.

Distribution



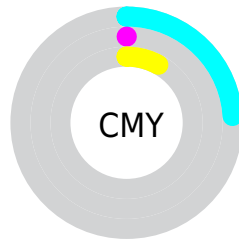
- Red (76%)
- Green (100%)
- Blue (92%)



- Red (76%)
- Yellow (91%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2611, 89.1203, 91.9379 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 73.2611, 89.1203, 91.9379 by changing the saturation by 10% instead.

73.2611, 89.1203,
91.9379

73.2611, 89.1203,
91.9379

461.0090,
525.1651, 555.0467

54.4786, 67.2513,
69.0063

122.8489,
146.1158, 151.9863

39.2166, 49.2888,
50.2451

154.3850,
182.0111, 189.9401

27.1098, 34.8487,
35.2356

190.9030,
223.3506, 233.7385

17.7927, 23.5463,
23.5594

232.7683,
270.5187, 283.7999

10.9000, 14.9974,
14.7980

280.3461,
323.8998, 340.5429

6.0665, 8.8176,
8.5327

334.0020,

2.9266, 4.6224,

383.8783, 404.3860

4.3450

394.1012,
450.8386, 475.7478

■ 1.1151, 2.0275,
1.8165

■ 0.0377, 0.6234,
0.4388

■ 73.2611, 89.1203,
91.9379

■ 73.2611, 89.1203,
91.9379

■ 66.0267, 85.5293,
85.3422

■ 81.6810, 93.3156,
98.8982

■ 59.9173, 82.5116,
79.0999

■ 91.3377, 98.1416,
106.2255

■ 54.8707, 80.0352,
73.2051

■ 95.0500, 100.0000,
108.9000

■ 50.8175, 78.0645,
67.6502

■ 47.6797, 76.5593,
62.4269

■ 45.3671, 75.4732,
57.5266

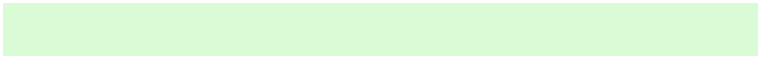
■ 43.7699, 74.7497,
52.9392

■ 43.0161, 74.4224,
50.1302

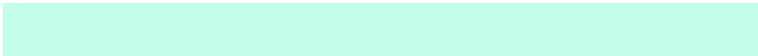
Harmonies

Analogous

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



75.5673, 89.1203, 76.9284



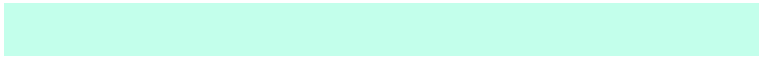
73.2611, 89.1203, 91.9379



73.9001, 89.1203, 110.2908

Triad

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



73.2611, 89.1203, 91.9379



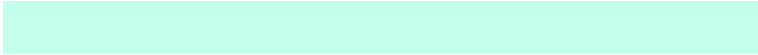
89.2158, 89.1203, 133.1347



92.5052, 89.1203, 72.3197

Complementary

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



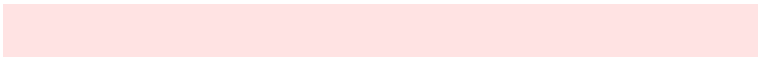
73.2611, 89.1203, 91.9379



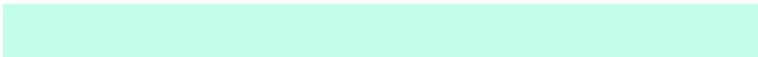
73.0215, 65.1976, 73.0261

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.



96.5175, 89.1203, 84.8897



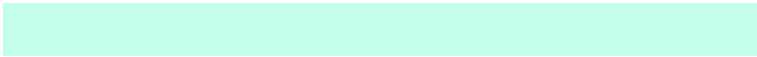
73.2611, 89.1203, 91.9379



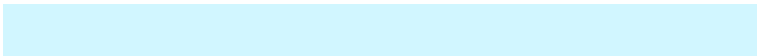
94.5536, 89.1203, 120.3756

Square

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



73.2611, 89.1203, 91.9379



82.9065, 89.1203, 135.6319



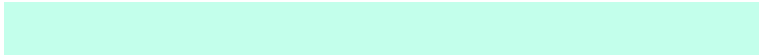
97.2852, 89.1203, 102.3209



86.5317, 89.1203, 66.5604

Rectangle

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



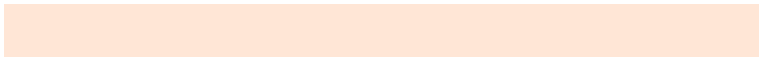
73.2611, 89.1203, 91.9379



75.9245, 89.1203, 121.8982



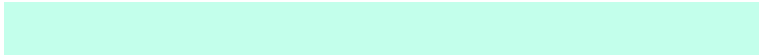
97.2852, 89.1203, 102.3209



94.1401, 89.1203, 75.8089

Sweetspot

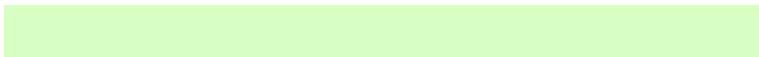
The Sweet Spot groups the original color and five complimentary colors.



73.2620, 89.1207, 91.9394



87.8419, 96.3930, 103.6396



73.6354, 89.9076, 65.1041



18.6750, 20.5687, 22.0879



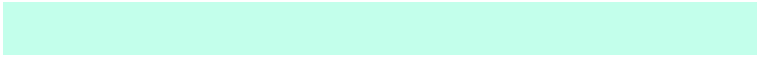
0.0000, 0.0000, 0.0000



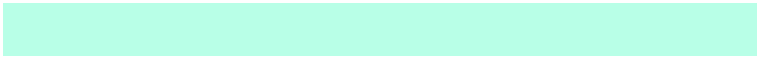
20.3446, 21.4041, 23.3091

Same Dimension

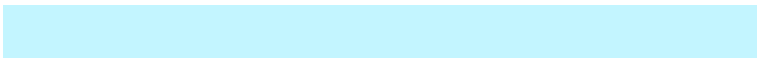
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2620, 89.1207, 91.9394



69.8837, 87.4419, 88.9451



73.2088, 84.1275, 106.9875



18.2823, 20.3725, 21.7898



22.5490, 38.9162, 26.5742



2.2463, 3.8094, 2.8547

Inverse Universe

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



73.0215, 65.1976, 73.0261



69.6088, 59.8995, 67.1804



72.9224, 68.8638, 61.0798



18.2591, 18.0869, 19.9815



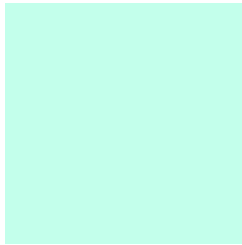
22.4670, 11.4761, 5.8437



2.2358, 1.1367, 0.8232

Previews

White Background



This preview shows how the XYZ color 73.2611, 89.1203, 91.9379 looks on a white background.

Color Contrast Check

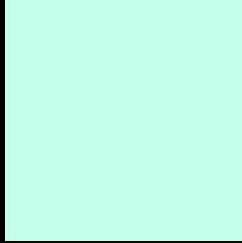
Large Text (above 18pt) WCAG AA × Fail

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 73.2611, 89.1203, 91.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

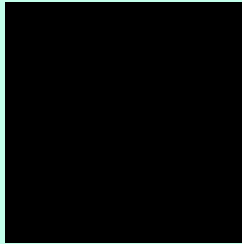
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

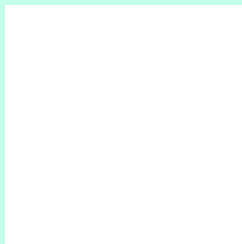
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2611, 89.1203, 91.9379

Background



This preview shows how black text looks on a background with the XYZ color 73.2611, 89.1203, 91.9379.



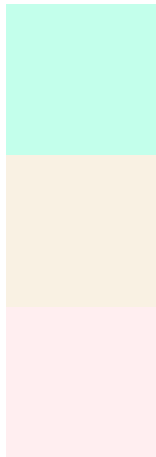
This preview shows how white text looks on a background with the XYZ color 73.2611, 89.1203,

91.9379.

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

73.2611, 89.1203, 91.9379

Protanopia

84.3873, 88.5964, 85.3262

Deuteranopia

87.5427, 88.7003, 94.9450



Tritanopia

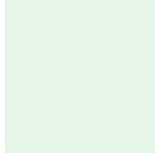
81.7537, 88.5324, 107.3873

Trichromacy



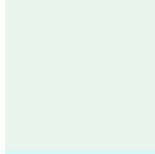
Original Color

73.2611, 89.1203, 91.9379



Protanomaly

79.5518, 88.2827, 87.7104



Deuteranomaly

81.3876, 88.1981, 93.6233



Tritanomaly

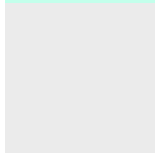
78.5505, 88.8248, 101.8118

Monochromacy



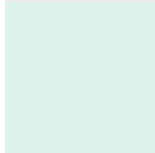
Original Color

73.2611, 89.1203, 91.9379



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.2627, 84.7181, 90.9300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2611, 89.1203, 91.9379 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(195, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 235)  
}
```

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(195, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.2611, 89.1203, 91.9379 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(195, 255, 235) }
```


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

```
.border{ border-color:rgb(195, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2611, 89.1203, 91.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 235) }
```

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

```
.background{ background-color: rgb(195,  
255, 235) }
```

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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