

Converting Colors

XYZ(86.6371, 107.1217,
91.6965)

Have a look what the booklet for
XYZ(86.6371, 107.1217, 91.6965)
contains.

XYZ(79.0972, 92.1949, 89.2278)	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(79.0972, 92.1949,
89.2278)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFE7
RGB	218, 255, 231
RGB Percent	85%, 100%, 91%
CMY	0.1451, 0.0000, 0.0941
CMYK	0.15, 0.00, 0.09, 0.00
HSL	141°, 100%, 93%
HSV	141°, 15%, 100%
XYZ	79.0972, 92.1949, 89.2278
YIQ	241.2010, -14.3480, -15.3080

Conversions

Conversions Part 2

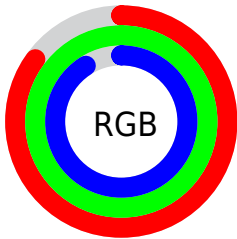
Format	Color
R _{YB}	218, 245, 255
Decimal	14352359
CIE Lab	96.90, -16.33, 7.50
CIE LCh	97, 17.973, 155.349
Yxy	92.1949, 0.3036, 0.3539
Android (android.graphics.Color)	4292542439 (0xFFDAFFE7)
YUV	241.2010, -5.0291, -20.3473
Hunter-Lab	96.0182, -20.9883, 12.1157

Details

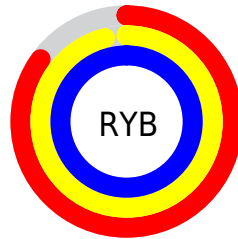
The XYZ color **79.0972, 92.1949, 89.2278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.3388, 77.8145, 94.6842**, and the grayscale version is **83.8134, 88.1782, 96.0261**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0362, 51.2698, 48.1853** is the 20% darker color. If you saturate the color by 10%, you get **69.8222, 87.6707, 77.1702**, and if you desaturate by 10%, it is **89.7678, 97.4130, 102.5061**.

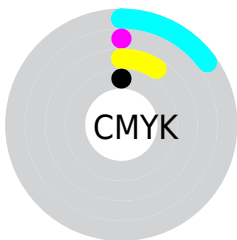
Distribution



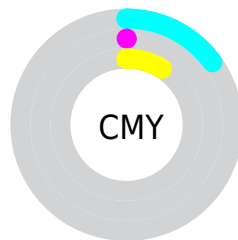
- Red (85%)
- Green (100%)
- Blue (91%)



- Red (85%)
- Yellow (96%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0972, 92.1949, 89.2278 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 79.0972, 92.1949, 89.2278 by changing the saturation by 10% instead.


 79.0972, 92.1949,
89.2278

 79.0972, 92.1949,
89.2278


480.6681,
535.1452, 546.0209

 59.2816, 69.8025,
66.7703


131.0529,
150.3835, 148.1914

 43.0871, 51.3656,
48.4375

163.9237,
186.9485, 185.5346

 30.1483, 36.4996,
33.8111

201.8770,
229.0065, 228.6768

 20.0998, 24.8203,
22.4723

245.2782,
276.9419, 278.0364

 12.5763, 15.9432,
14.0027

294.4925,
331.1390, 334.0321

 7.2124, 9.4840,
7.9838

349.8854,

 3.6428, 5.0582,

391.9824, 397.0824

3.9969

411.8221,
459.8563, 467.6058

■ 1.5021, 2.2814,
1.6237

■ 0.3273, 0.7639,
0.3076

■ 79.0972, 92.1949,
89.2278

■ 79.0972, 92.1949,
89.2278

■ 69.8222, 87.6707,
77.1702

■ 89.7678, 97.4130,
102.5061

■ 61.8807, 83.8093,
66.2942

95.0500, 100.0000,
108.9000

■ 55.2097, 80.5787,
56.5652

■ 49.7398, 77.9440,
47.9450

■ 45.3946, 75.8666,
40.3936

■ 42.0887, 74.3033,
33.8681

■ 39.7231, 73.2041,
28.3229

■ 38.1781, 72.5082,
23.7081

■ 37.5885, 72.2514,
21.5486

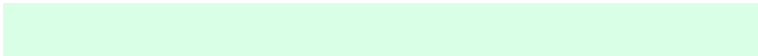
Harmonies

Analogous

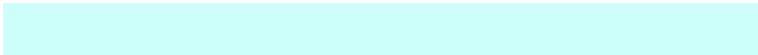
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1305, 92.1949, 79.3699



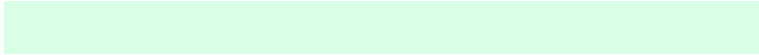
79.0972, 92.1949, 89.2278



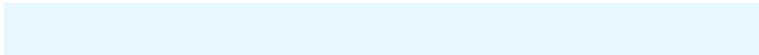
78.3129, 92.1949, 102.9989

Triad

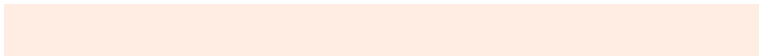
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0972, 92.1949, 89.2278



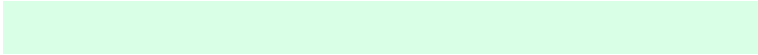
88.5367, 92.1949, 130.6924



95.7886, 92.1949, 85.1415

Complementary

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



79.0972, 92.1949, 89.2278



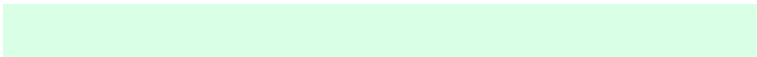
82.3388, 77.8145, 94.6842

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.



97.6550, 92.1949, 97.8148



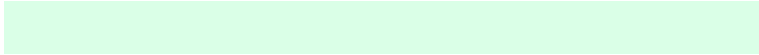
79.0972, 92.1949, 89.2278



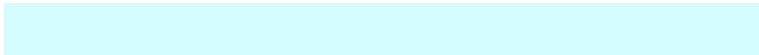
93.3665, 92.1949, 124.8152

Square

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



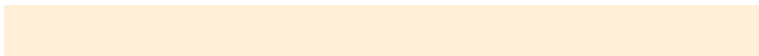
79.0972, 92.1949, 89.2278



83.6410, 92.1949, 127.8364



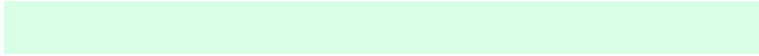
96.7522, 92.1949, 112.4346



91.7408, 92.1949, 77.1742

Rectangle

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



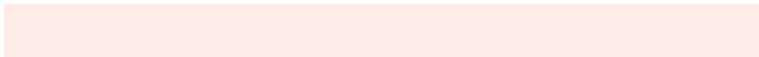
79.0972, 92.1949, 89.2278



79.1439, 92.1949, 112.7658



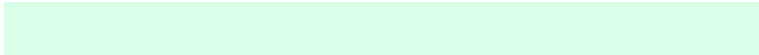
96.7522, 92.1949, 112.4346



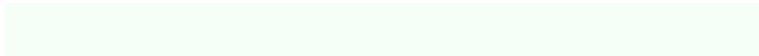
96.6988, 92.1949, 88.9445

Sweetspot

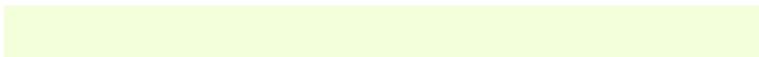
The Sweet Spot groups the original color and five complimentary colors.



79.0980, 92.1953, 89.2293



90.3494, 97.6977, 103.2152



85.0504, 95.4682, 80.2754



19.1548, 20.8214, 21.8683



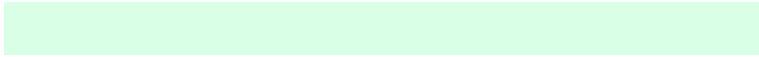
0.0000, 0.0000, 0.0000



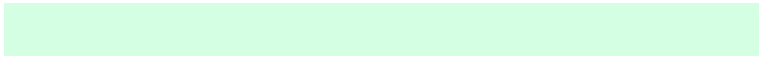
20.3446, 21.4041, 23.3091

Same Dimension

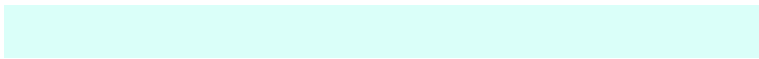
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0980, 92.1953, 89.2293



76.6594, 91.0046, 86.1130



81.8432, 93.2934, 103.6850



18.0351, 20.2736, 20.4879



19.7045, 37.7784, 11.5951



1.9680, 3.6981, 1.3895

Inverse Universe

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



82.3388, 77.8145, 94.6842



80.3898, 74.4497, 92.3907



79.7056, 76.7612, 80.8179



18.5057, 18.1856, 21.2803



25.1900, 12.5653, 20.1830



2.5045, 1.2442, 2.2381

Previews

White Background



This preview shows how the XYZ color 79.0972, 92.1949, 89.2278 looks on a white background.

Color Contrast Check

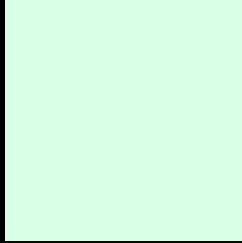
Large Text (above 18pt) WCAG AA × Fail

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 79.0972, 92.1949, 89.2278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

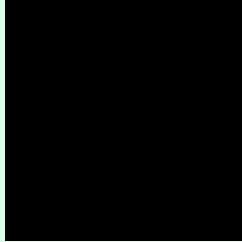
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

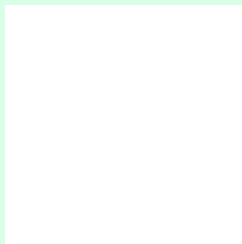
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0972, 92.1949, 89.2278

Background



This preview shows how black text looks on a background with the XYZ color 79.0972, 92.1949, 89.2278.



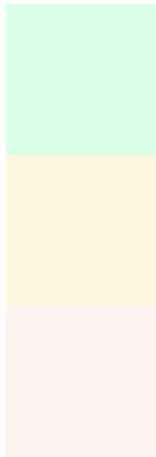
This preview shows how white text looks on a background with the XYZ color 79.0972, 92.1949,

89.2278.

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

79.0972, 92.1949, 89.2278

Protanopia

87.4830, 92.0011, 84.3813

Deuteranopia

89.3176, 91.7720, 97.0106



Tritanopia

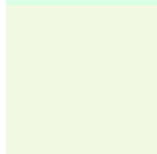
86.5707, 91.9187, 107.7871

Trichromacy



Original Color

79.0972, 92.1949, 89.2278



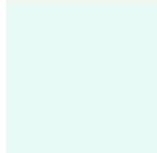
Protanomaly

84.3588, 92.1747, 86.0184



Deuteranomaly

85.3113, 91.5718, 94.0677



Tritanomaly

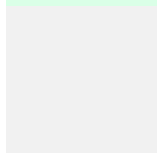
83.7752, 92.0140, 100.5338

Monochromacy



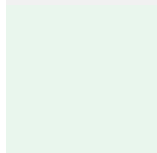
Original Color

79.0972, 92.1949, 89.2278



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.8461, 89.3496, 93.0532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0972, 92.1949, 89.2278 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(218, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 231)  
}
```

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(218, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.0972, 92.1949, 89.2278 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(218, 255, 231) }
```


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

```
.border{ border-color:rgb(218, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0972, 92.1949, 89.2278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 231) }
```

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

```
.background{ background-color: rgb(218,  
255, 231) }
```

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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