

Converting Colors

XYZ(102.9696, 139.6652,
96.8188)

Have a look what the booklet for
XYZ(102.9696, 139.6652, 96.8188)
contains.

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Color

**XYZ(79.3972, 92.3496,
89.2419)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFE7
RGB	219, 255, 231
RGB Percent	86%, 100%, 91%
CMY	0.1412, 0.0000, 0.0941
CMYK	0.14, 0.00, 0.09, 0.00
HSL	140°, 100%, 93%
HSV	140°, 14%, 100%
XYZ	79.3972, 92.3496, 89.2419
YIQ	241.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

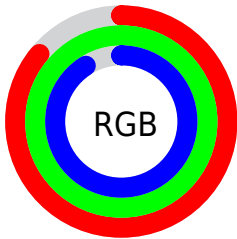
Format	Color
R _{YB}	219, 246, 255
Decimal	14417895
CIE Lab	96.96, -16.01, 7.60
CIE LCh	97, 17.723, 154.624
Yxy	92.3496, 0.3042, 0.3538
Android (android.graphics.Color)	4292607975 (0xFFDBFFE7)
YUV	241.5000, -5.1765, -19.7325
Hunter-Lab	96.0987, -20.6952, 12.2095

Details

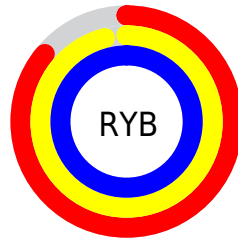
The XYZ color **79.3972, 92.3496, 89.2419** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.7495, 78.3949, 95.5641**, and the grayscale version is **84.0500, 88.4271, 96.2971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2418, 51.3758, 48.1949** is the 20% darker color. If you saturate the color by 10%, you get **70.0183, 87.7787, 76.8727**, and if you desaturate by 10%, it is **90.1860, 97.6203, 102.8973**.

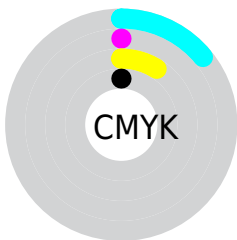
Distribution



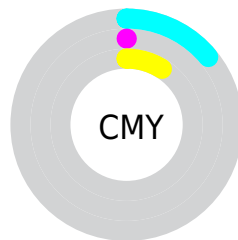
- Red (86%)
- Green (100%)
- Blue (91%)



- Red (86%)
- Yellow (96%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3972, 92.3496, 89.2419 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 79.3972, 92.3496, 89.2419 by changing the saturation by 10% instead.

 79.3972, 92.3496,
89.2419

 79.3972, 92.3496,
89.2419


481.6666,
535.6447, 546.0680

 59.5292, 69.9310,
66.7819


131.4729,
150.5978, 148.2112

 43.2873, 51.4703,
48.4469


164.4113,
187.1963, 185.5576

 30.3061, 36.5830,
33.8184


202.4371,
229.2902, 228.7032

 20.2203, 24.8848,
22.4779

245.9159,
277.2639, 278.0665

 12.6644, 15.9913,
14.0068

295.2128,
331.5018, 334.0661

 7.2733, 9.5180,
7.9866

350.6934,

 3.6814, 5.0805,

392.3883, 397.1205

3.9987

412.7228,
460.3078, 467.6483

■ 1.5235, 2.2946,
1.6246

■ 0.3418, 0.7709,
0.3083

■ 79.3972, 92.3496,
89.2419

■ 79.3972, 92.3496,
89.2419

■ 70.0183, 87.7787,
76.8727

■ 90.1860, 97.6203,
102.8973

■ 61.9872, 83.8764,
65.7479

95.0500, 100.0000,
108.9000

■ 55.2402, 80.6107,
55.8300

■ 49.7076, 77.9465,
47.0777

■ 45.3127, 75.8452,
39.4475

■ 41.9697, 74.2634,
32.8931

■ 39.5797, 73.1512,
27.3646

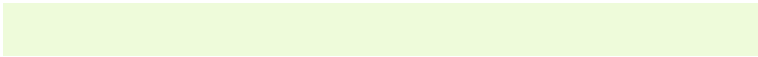
■ 38.0229, 72.4479,
22.8080

■ 37.3999, 72.1760,
20.5558

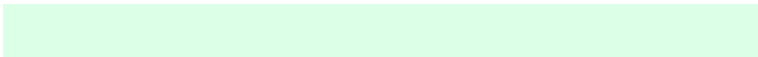
Harmonies

Analogous

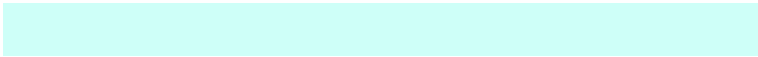
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4414, 92.3496, 79.6136



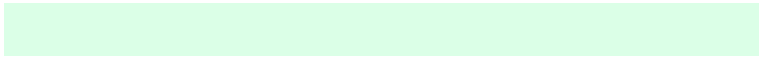
79.3972, 92.3496, 89.2419



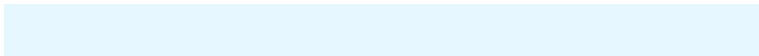
78.5643, 92.3496, 102.7822

Triad

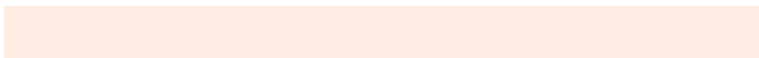
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3972, 92.3496, 89.2419



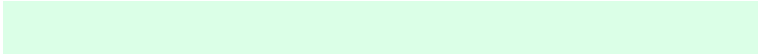
88.5505, 92.3496, 130.4705



95.9014, 92.3496, 85.7487

Complementary

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



79.3972, 92.3496, 89.2419



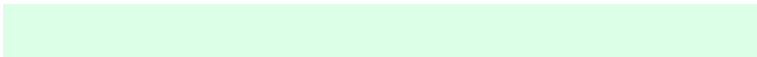
82.7495, 78.3949, 95.5641

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.



97.6799, 92.3496, 98.3563



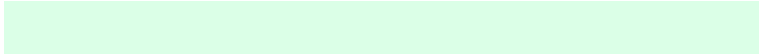
79.3972, 92.3496, 89.2419



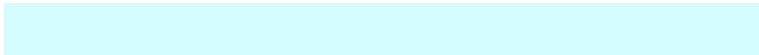
93.3349, 92.3496, 124.8754

Square

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



79.3972, 92.3496, 89.2419



83.7316, 92.3496, 127.4496



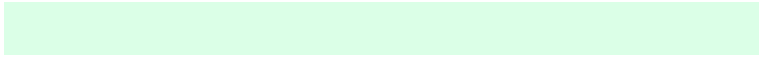
96.7235, 92.3496, 112.7817



91.9476, 92.3496, 77.7347

Rectangle

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



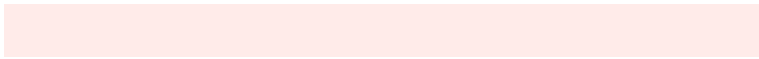
79.3972, 92.3496, 89.2419



79.3475, 92.3496, 112.4296



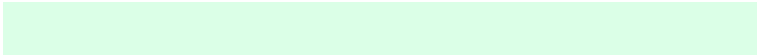
96.7235, 92.3496, 112.7817



96.7802, 92.3496, 89.5438

Sweetspot

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



79.3980, 92.3499, 89.2433



90.3208, 97.6863, 103.0648



85.5087, 95.6893, 80.9820



19.1476, 20.8185, 21.8303



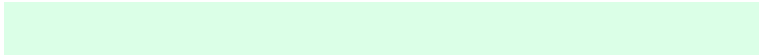
0.0000, 0.0000, 0.0000



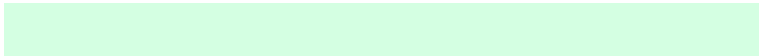
20.3446, 21.4041, 23.3091

Same Dimension

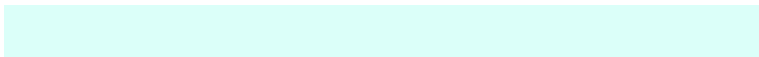
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3980, 92.3499, 89.2433



76.5519, 90.9616, 85.5469



82.0728, 93.4199, 103.3289



18.0213, 20.2681, 20.4152



19.6038, 37.7381, 11.0649



1.9570, 3.6937, 1.3316

Inverse Universe

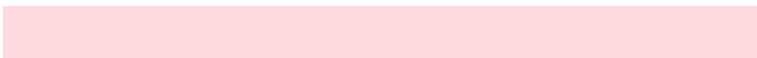
The Inverse Universe completely reimagines the original color for something new.



82.7495, 78.3949, 95.5641



80.5060, 74.4961, 93.0023



80.1627, 77.3602, 81.9421



18.5201, 18.1914, 21.3561



25.4119, 12.6541, 21.3515



2.5250, 1.2524, 2.3462

Previews

White Background



This preview shows how the XYZ color 79.3972, 92.3496, 89.2419 looks on a white background.

Color Contrast Check

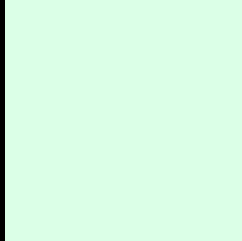
Large Text (above 18pt) WCAG AA × Fail

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 79.3972, 92.3496, 89.2419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

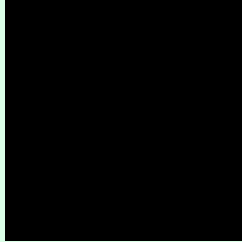
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

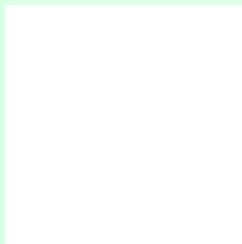
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3972, 92.3496, 89.2419

Background



This preview shows how black text looks on a background with the XYZ color 79.3972, 92.3496, 89.2419.



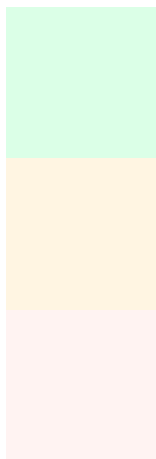
This preview shows how white text looks on a background with the XYZ color 79.3972, 92.3496,

89.2419.

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

79.3972, 92.3496, 89.2419

Protanopia

87.6199, 92.0558, 85.1020

Deuteranopia

89.3176, 91.7720, 97.0106



Tritanopia

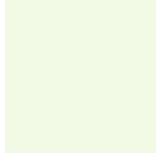
86.5707, 91.9187, 107.7871

Trichromacy



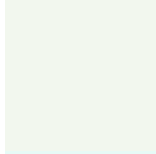
Original Color

79.3972, 92.3496, 89.2419



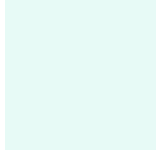
Protanomaly

84.4972, 92.2300, 86.7475



Deuteranomaly

85.3113, 91.5718, 94.0677



Tritanomaly

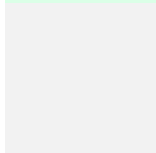
83.7752, 92.0140, 100.5338

Monochromacy



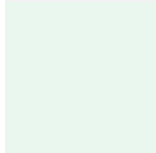
Original Color

79.3972, 92.3496, 89.2419



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.6251, 90.1870, 93.9419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3972, 92.3496, 89.2419 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(219, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.3972, 92.3496, 89.2419 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(219, 255, 231) }
```


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

```
.border{ border-color:rgb(219, 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(219, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3972, 92.3496, 89.2419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 231) }
```

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

```
.background{ background-color: rgb(219,  
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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