

Converting Colors

XYZ(73.0402, 84.4835, 89.1052)

Have a look what the booklet for
XYZ(73.0402, 84.4835, 89.1052)
contains.

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Color

**XYZ(72.9500, 84.3964,
88.7892)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF5E8
RGB	207, 245, 232
RGB Percent	81%, 96%, 91%
CMY	0.1882, 0.0392, 0.0902
CMYK	0.16, 0.00, 0.05, 0.04
HSL	159°, 66%, 89%
HSV	159°, 16%, 96%
XYZ	72.9500, 84.3964, 88.7892
YIQ	232.1560, -18.4750, -12.0990

Conversions

Conversions Part 2

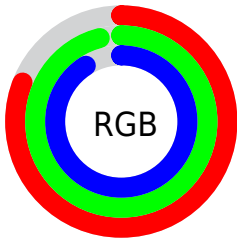
Format	Color
R_{YB}	207, 230, 245
Decimal	13628904
CIE _{Lab}	93.62, -14.72, 2.15
CIE _{LCh}	94, 14.878, 171.681
Yxy	84.3964, 0.2964, 0.3429
Android (android.graphics.Color)	4291818984 (0xFFCFF5E8)
YUV	232.1560, -0.0769, -22.0618
Hunter-Lab	91.8675, -19.0252, 7.0040

Details

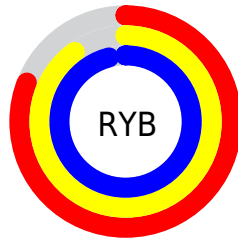
The XYZ color **72.9500, 84.3964, 88.7892** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.8903, 69.2076, 77.2305**, and the grayscale version is **76.8309, 80.8321, 88.0262**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9830, 46.2052, 47.9382** is the 20% darker color. If you saturate the color by 10%, you get **65.4669, 80.6753, 82.3715**, and if you desaturate by 10%, it is **81.5568, 88.6948, 95.5596**.

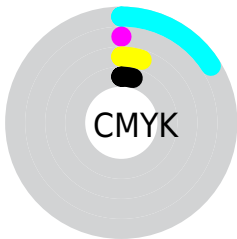
Distribution



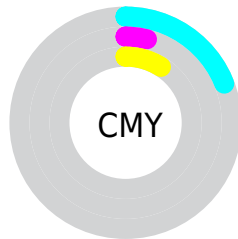
- Red (81%)
- Green (96%)
- Blue (91%)



- Red (81%)
- Yellow (90%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9500, 84.3964, 88.7892 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 72.9500, 84.3964, 88.7892 by changing the saturation by 10% instead.

72.9500, 84.3964,
88.7892

72.9500, 84.3964,
88.7892

459.9480,
509.6286, 544.5524

54.2233, 63.3428,
66.4088

122.4097,
139.5295, 147.5762

39.0116, 46.1186,
48.1458

153.8735,
174.3778, 184.8198

26.9495, 32.3394,
33.5815

190.3137,
214.5932, 227.8550

17.6717, 21.6209,
22.2975

232.0956,
260.5599, 277.1002

10.8128, 13.5786,
13.8753

279.5846,
312.6624, 332.9740

6.0075, 7.8282,
7.8962

333.1461,

2.8903, 3.9852,

371.2851, 395.8950

3.9418

393.1455,
436.8124, 466.2816

■ 1.0960, 1.6653,
1.5935

■ 0.0218, 0.4010,
0.2861

■ 72.9500, 84.3964,
88.7892

■ 72.9500, 84.3964,
88.7892

■ 65.4669, 80.6753,
82.3715

■ 81.5568, 88.6948,
95.5596

■ 59.0507, 77.4956,
76.2945

■ 90.9567, 93.3931,
102.6659

■ 53.6504, 74.8331,
70.5533

■ 91.9440, 93.7880,
107.8647

■ 49.2079, 72.6581,
65.1410

■ 45.6586, 70.9374,
60.0501

■ 42.9302, 69.6337,
55.2729

■ 40.9379, 68.7036,
50.8008

■ 39.5777, 68.0934,
46.6241

■ 39.1023, 67.8873,
44.8409

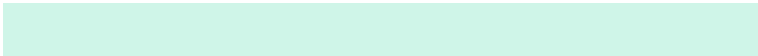
Harmonies

Analogous

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



74.4171, 84.3964, 79.0842



72.9500, 84.3964, 88.7892



73.3792, 84.3964, 100.1456

Triad

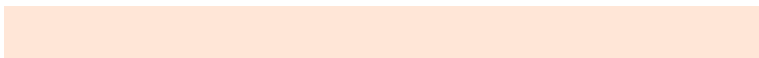
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9500, 84.3964, 88.7892



83.0482, 84.3964, 113.5695



85.0067, 84.3964, 75.8977

Complementary

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



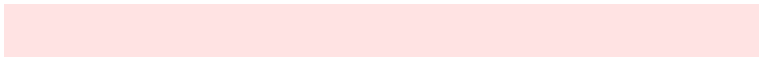
72.9500, 84.3964, 88.7892



72.8903, 69.2076, 77.2305

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.



87.4654, 84.3964, 84.1073



72.9500, 84.3964, 88.7892



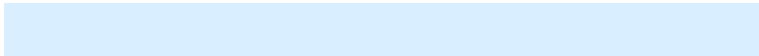
86.3091, 84.3964, 106.0158

Square

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



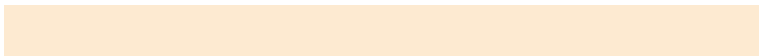
72.9500, 84.3964, 88.7892



79.1249, 84.3964, 115.0811



87.9497, 84.3964, 95.0690



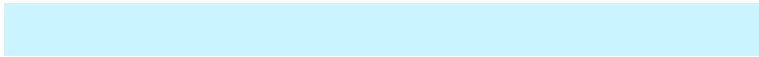
81.3176, 84.3964, 72.0503

Rectangle

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



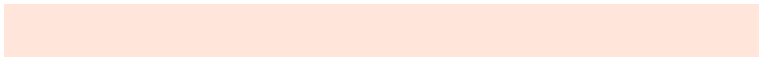
72.9500, 84.3964, 88.7892



74.6892, 84.3964, 107.0922



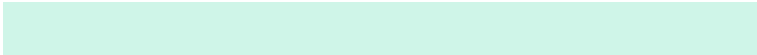
87.9497, 84.3964, 95.0690



86.0094, 84.3964, 78.2052

Sweetspot

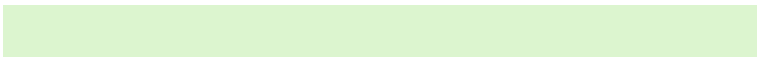
The Sweet Spot groups the original color and five complimentary colors.



72.9524, 84.3999, 88.7911



89.8193, 97.3837, 105.0303



73.5237, 85.0760, 71.5789



19.0732, 20.7682, 22.3661



0.0000, 0.0000, 0.0000



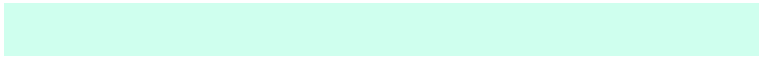
20.3446, 21.4041, 23.3091

Same Dimension

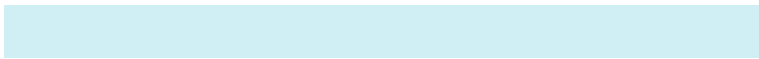
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9524, 84.3999, 88.7911



76.8613, 90.9186, 94.7125



73.1707, 81.7701, 98.3171



16.7417, 18.6558, 19.9242



21.1317, 36.5975, 24.5111



1.9054, 3.2358, 2.4075

Inverse Universe

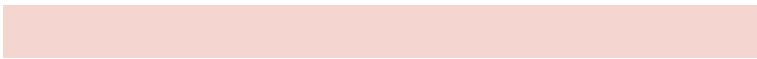
The Inverse Universe completely reimagines the original color for something new.



72.8903, 69.2076, 77.2305



76.7805, 71.0025, 79.5606



72.6402, 71.3574, 68.9775



16.7331, 16.5761, 18.3412



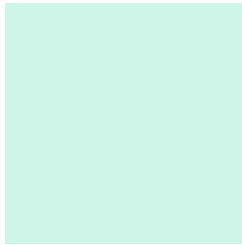
21.2029, 10.8246, 5.7768



1.9098, 0.9699, 0.7515

Previews

White Background



This preview shows how the XYZ color 72.9500, 84.3964, 88.7892 looks on a white background.

Color Contrast Check

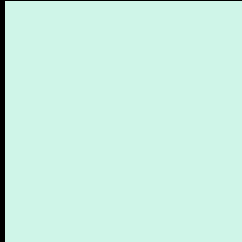
Large Text (above 18pt) WCAG AA × Fail

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 72.9500, 84.3964, 88.7892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

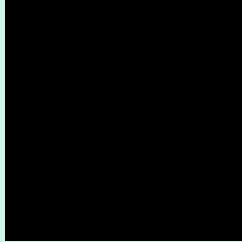
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

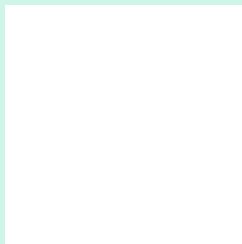
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9500, 84.3964, 88.7892

Background



This preview shows how black text looks on a background with the XYZ color 72.9500, 84.3964, 88.7892.

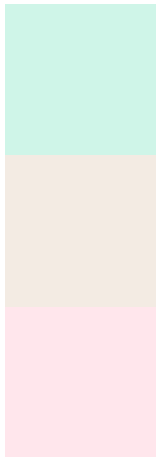


This preview shows how white text looks on a background with the XYZ color 72.9500, 84.3964,

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

72.9500, 84.3964, 88.7892

Protanopia

80.5356, 84.0174, 84.6453

Deuteranopia

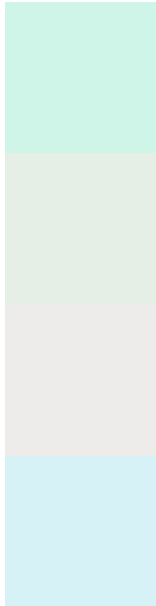
84.6771, 83.9098, 91.0901



Tritanopia

78.1235, 84.4456, 106.7898

Trichromacy



Original Color

72.9500, 84.3964, 88.7892

Protanomaly

77.6425, 84.2131, 86.2913

Deuteranomaly

79.9636, 83.5920, 90.5176

Tritanomaly

76.2722, 84.5158, 100.2889

Monochromacy



Original Color

72.9500, 84.3964, 88.7892

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.2811, 82.0825, 88.2197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9500, 84.3964, 88.7892 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(207, 245, 232)` looks like.

```
.text, #text, p{  
    color:rgb(207, 245, 232)  
}
```

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(207, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 245, 232) }
```

Border

The CSS property to change the border of an element to XYZ 72.9500, 84.3964, 88.7892 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(207, 245, 232) }
```


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

```
.border{ border-color:rgb(207, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(207, 245,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9500, 84.3964, 88.7892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 245, 232) }
```

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

```
.background{ background-color: rgb(207,  
245, 232) }
```

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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