

Converting Colors

XYZ(73.1517, 85.0736, 90.6345)

Have a look what the booklet for
XYZ(73.1517, 85.0736, 90.6345)
contains.

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Color

**XYZ(72.9839, 84.8312,
90.3693)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF6EA
RGB	205, 246, 234
RGB Percent	80%, 96%, 92%
CMY	0.1961, 0.0353, 0.0823
CMYK	0.17, 0.00, 0.05, 0.04
HSL	162°, 70%, 88%
HSV	162°, 17%, 96%
XYZ	72.9839, 84.8312, 90.3693
YIQ	232.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

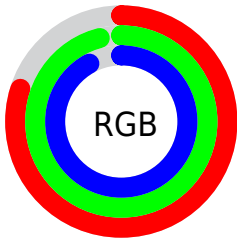
Format	Color
R _{YB}	205, 229, 246
Decimal	13498090
CIE Lab	93.81, -15.46, 1.37
CIE LCh	94, 15.521, 174.919
Yxy	84.8312, 0.2941, 0.3418
Android (android.graphics.Color)	4291688170 (0xFFC6DF6EA)
YUV	232.3730, 0.8021, -24.0061
Hunter-Lab	92.1039, -19.7368, 6.2993

Details

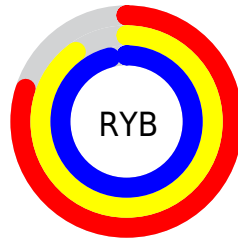
The XYZ color **72.9839, 84.8312, 90.3693** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.3648, 68.2675, 75.0123**, and the grayscale version is **76.9884, 80.9977, 88.2065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0270, 46.5253, 49.0428** is the 20% darker color. If you saturate the color by 10%, you get **65.7109, 81.2013, 84.7386**, and if you desaturate by 10%, it is **81.3707, 89.0350, 96.2753**.

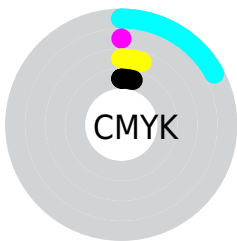
Distribution



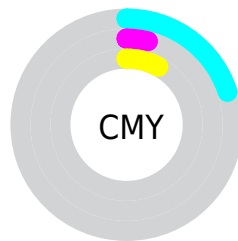
- Red (80%)
- Green (96%)
- Blue (92%)



- Red (80%)
- Yellow (90%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)





- Cyan (20%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9839, 84.8312, 90.3693 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 72.9839, 84.8312, 90.3693 by changing the saturation by 10% instead.


 72.9839, 84.8312,
90.3693

 72.9839, 84.8312,
90.3693

460.0637,
511.0694, 549.8325

 54.2511, 63.7019,
67.7115


122.4576,
140.1373, 149.7913

 39.0339, 46.4093,
49.1979


153.9293,
175.0829, 187.3925

 26.9670, 32.5689,
34.4098


190.3779,
215.4028, 230.8121

 17.6849, 21.7964,
22.9287

232.1689,
261.4813, 280.4684

 10.8223, 13.7074,
14.3360

279.6676,
313.7028, 336.7801

 6.0139, 7.9174,
8.2133

333.2394,

 2.8943, 4.0422,

372.4517, 400.1656

4.1420

393.2497,
438.1124, 471.0436

■ 1.0981, 1.6972,
1.7036

■ 0.0235, 0.4218,
0.3632

■ 72.9839, 84.8312,
90.3693

■ 72.9839, 84.8312,
90.3693

■ 65.7109, 81.2013,
84.7386

■ 81.3707, 89.0350,
96.2753

■ 59.4943, 78.1088,
79.3725

■ 90.9110, 93.8263,
102.4556

■ 54.2823, 75.5295,
74.2678

■ 92.2473, 94.3947,
107.9658

■ 50.0158, 73.4330,
69.4191

■ 46.6293, 71.7854,
64.8205

■ 44.0486, 70.5487,
60.4659

■ 42.1869, 69.6782,
56.3483

■ 40.9349, 69.1176,
52.4597

■ 40.5962, 68.9702,
51.2115

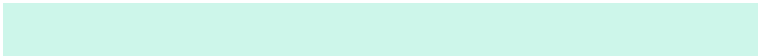
Harmonies

Analogous

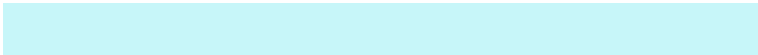
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3111, 84.8312, 79.9160



72.9839, 84.8312, 90.3693



73.6477, 84.8312, 102.2724

Triad

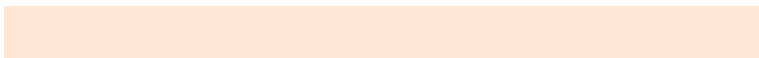
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9839, 84.8312, 90.3693



84.0179, 84.8312, 114.5384



85.2748, 84.8312, 74.9960

Complementary

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



72.9839, 84.8312, 90.3693



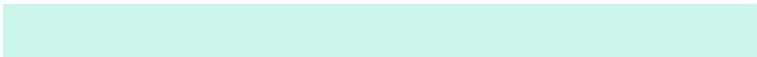
72.3648, 68.2675, 75.0123

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.



88.0392, 84.8312, 83.1223



72.9839, 84.8312, 90.3693



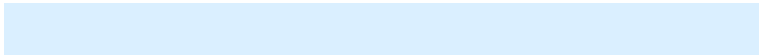
87.2963, 84.8312, 106.0478

Square

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



72.9839, 84.8312, 90.3693



79.9290, 84.8312, 116.8923



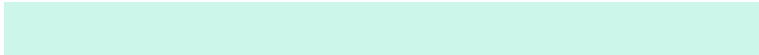
88.7913, 84.8312, 94.3934



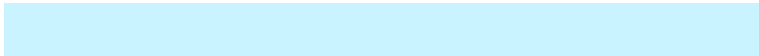
81.3341, 84.8312, 71.5367

Rectangle

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



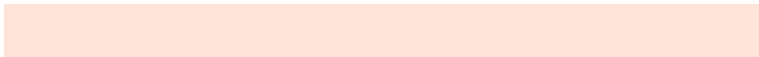
72.9839, 84.8312, 90.3693



75.1422, 84.8312, 109.3536



88.7913, 84.8312, 94.3934



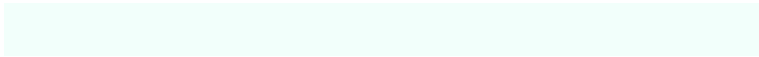
86.3777, 84.8312, 77.2370

Sweetspot

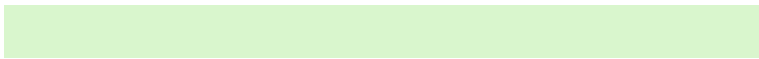
The Sweet Spot groups the original color and five complimentary colors.



72.9863, 84.8347, 90.3712



89.9186, 97.4234, 105.5534



72.6825, 85.1208, 70.3581



19.0974, 20.7779, 22.4934



0.0000, 0.0000, 0.0000



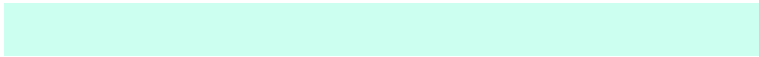
20.3446, 21.4041, 23.3091

Same Dimension

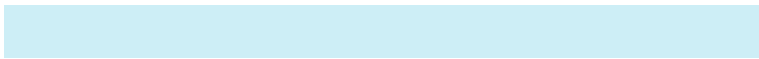
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9863, 84.8347, 90.3712



76.4004, 90.6528, 95.9637



72.3304, 80.6689, 98.9514



16.7779, 18.6703, 20.1146



21.7319, 36.8376, 27.6714



1.9547, 3.2555, 2.6674

Inverse Universe

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



72.3648, 68.2675, 75.0123



75.6098, 69.5565, 76.4102



72.8728, 71.6922, 67.7561



16.6987, 16.5623, 18.1598



20.9637, 10.7289, 4.5172



1.8855, 0.9602, 0.6232

Previews

White Background



This preview shows how the XYZ color 72.9839, 84.8312, 90.3693 looks on a white background.

Color Contrast Check

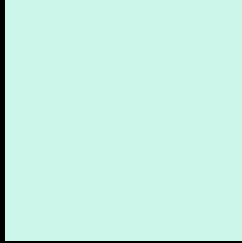
Large Text (above 18pt) WCAG AA × Fail

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 72.9839, 84.8312, 90.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

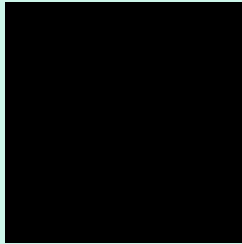
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

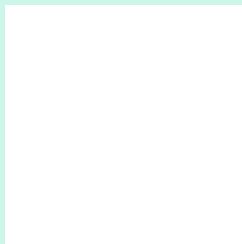
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9839, 84.8312, 90.3693

Background



This preview shows how black text looks on a background with the XYZ color 72.9839, 84.8312, 90.3693.



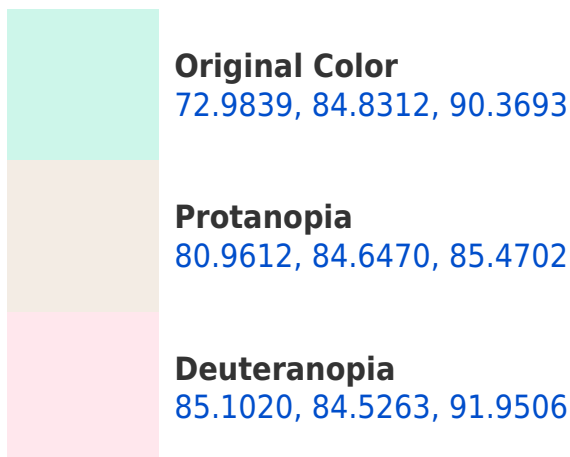
This preview shows how white text looks on a background with the XYZ color 72.9839, 84.8312,

90.3693.

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





Tritanopia

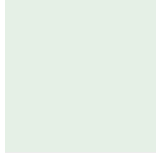
78.1206, 84.8823, 106.8743

Trichromacy



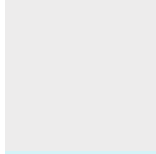
Original Color

72.9839, 84.8312, 90.3693



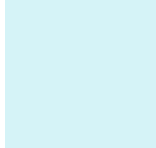
Protanomaly

77.7561, 84.6914, 87.1118



Deuteranomaly

80.0608, 84.0516, 91.3608



Tritanomaly

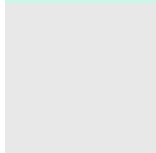
76.2797, 84.9627, 100.3748

Monochromacy



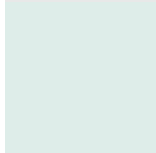
Original Color

72.9839, 84.8312, 90.3693



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

75.1164, 81.9812, 88.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9839, 84.8312, 90.3693 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(205, 246, 234)` looks like.

```
.text, #text, p{  
    color:rgb(205, 246, 234)  
}
```

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(205, 246, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 246, 234) }
```

Border

The CSS property to change the border of an element to XYZ 72.9839, 84.8312, 90.3693 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(205, 246, 234) }
```


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

```
.border{ border-color:rgb(205, 246, 234) }
```

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

Here you see how a box with a 4 pixel rgb(205, 246, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 246, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 246, 234);  
box-shadow:4px 4px 4px 4px rgb(205, 246,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9839, 84.8312, 90.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 246, 234) }
```

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

```
.background{ background-color: rgb(205,  
246, 234) }
```

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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