

Converting Colors

XYZ(72.1526, 82.7212, 90.2441)

Have a look what the booklet for
XYZ(72.1526, 82.7212, 90.2441)
contains.

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Color

**XYZ(72.0570, 82.5666,
89.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF2EA
RGB	206, 242, 234
RGB Percent	81%, 95%, 92%
CMY	0.1921, 0.0510, 0.0823
CMYK	0.15, 0.00, 0.03, 0.05
HSL	167°, 58%, 88%
HSV	167°, 15%, 95%
XYZ	72.0570, 82.5666, 89.9810
YIQ	230.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

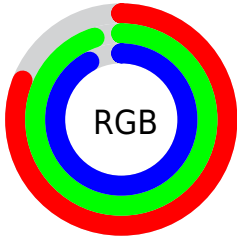
Format	Color
R_{YB}	206, 226, 242
Decimal	13562602
CIE _{Lab}	92.82, -13.16, -0.06
CIE _{LCh}	93, 13.157, 180.242
Yxy	82.5666, 0.2946, 0.3376
Android (android.graphics.Color)	4291752682 (0xFFCEF2EA)
YUV	230.3240, 1.8123, -21.3321
Hunter-Lab	90.8662, -17.4650, 4.8939

Details

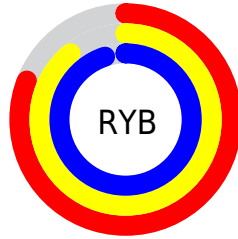
The XYZ color **72.0570, 82.5666, 89.9810** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8298, 67.8771, 72.9905**, and the grayscale version is **75.4526, 79.3821, 86.4471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3573, 44.9115, 48.7666** is the 20% darker color. If you saturate the color by 10%, you get **65.0883, 79.0643, 85.6827**, and if you desaturate by 10%, it is **80.0883, 86.6184, 94.4550**.

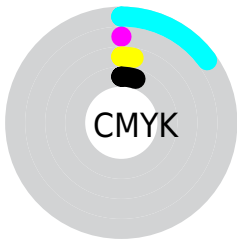
Distribution



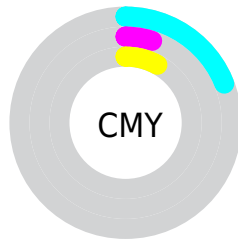
- Red (81%)
- Green (95%)
- Blue (92%)



- Red (81%)
- Yellow (89%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0570, 82.5666, 89.9810 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 72.0570, 82.5666, 89.9810 by changing the saturation by 10% instead.

72.0570, 82.5666,
89.9810

72.0570, 82.5666,
89.9810

456.8945,
503.5410, 548.5376

53.4909, 61.8327,
67.3913

121.1479,
136.9683, 149.2473

38.4238, 44.8975,
48.9391

152.4034,
171.4048, 186.7609

26.4905, 31.3767,
34.2059

188.6195,
211.1777, 230.0863

17.3255, 20.8859,
22.7732

230.1613,
256.6713, 279.6419

10.5636, 13.0406,
14.2224

277.3944,
308.2701, 335.8462

5.8393, 7.4565,
8.1350

330.6841,

2.7874, 3.7492,

366.3583, 399.1180

4.0924

390.3957,
431.3205, 469.8755

■ 1.0423, 1.5343,
1.6762

■ 0.0000, 0.3127,
0.3443

■ 72.0570, 82.5666,
89.9810

■ 72.0570, 82.5666,
89.9810

■ 65.0883, 79.0643,
85.6827

■ 80.0883, 86.6184,
94.4550

■ 59.1278, 76.0768,
81.5512

■ 89.2194, 91.2323,
99.1024

■ 54.1268, 73.5813,
77.5851

■ 90.2711, 91.6783,
103.4963

■ 50.0296, 71.5491,
73.7805

■ 91.0437, 91.9873,
107.5646

■ 46.7750, 69.9486,
70.1335

■ 44.2937, 68.7442,
66.6398

■ 42.5052, 67.8944,
63.2943

■ 41.3109, 67.3484,
60.0914

■ 40.8532, 67.1471,
58.5018

Harmonies

Analogous

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



72.8827, 82.5666, 80.8371



72.0570, 82.5666, 89.9810



72.9093, 82.5666, 99.7667

Triad

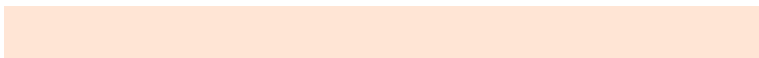
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0570, 82.5666, 89.9810



81.8503, 82.5666, 107.2491



81.8005, 82.5666, 74.4618

Complementary

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



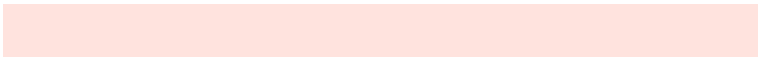
72.0570, 82.5666, 89.9810



70.8298, 67.8771, 72.9905

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.



84.3213, 82.5666, 80.7081



72.0570, 82.5666, 89.9810



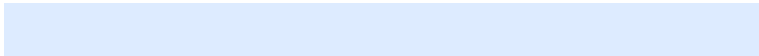
84.3506, 82.5666, 99.6183

Square

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



72.0570, 82.5666, 89.9810



78.5050, 82.5666, 110.1703



85.2676, 82.5666, 89.8210



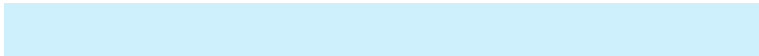
78.4492, 82.5666, 72.2840

Rectangle

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



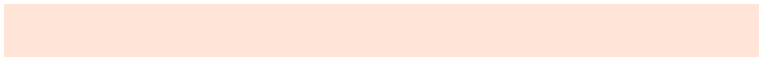
72.0570, 82.5666, 89.9810



74.3291, 82.5666, 105.2378



85.2676, 82.5666, 89.8210



82.7766, 82.5666, 76.1317

Sweetspot

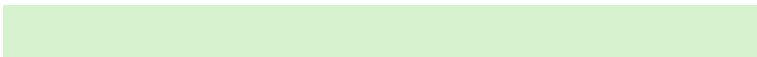
The Sweet Spot groups the original color and five complimentary colors.



72.0593, 82.5700, 89.9828



91.0335, 97.9713, 106.8177



70.7437, 82.3205, 70.5547



19.3280, 20.8907, 22.7803



0.0000, 0.0000, 0.0000



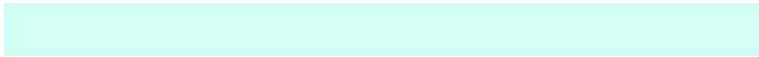
20.3446, 21.4041, 23.3091

Same Dimension

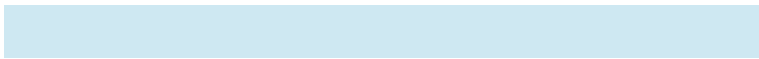
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0593, 82.5700, 89.9828



78.5332, 91.6700, 99.7783



70.4525, 77.4743, 95.2493



16.0882, 17.8653, 19.4873



21.9992, 36.0917, 31.7085



1.8667, 3.0171, 2.8304

Inverse Universe

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



70.8298, 67.8771, 72.9905



76.8912, 72.0405, 77.0802



72.2148, 72.2430, 68.5320



15.9167, 15.8164, 17.1174



20.0685, 10.2998, 3.0112



1.7058, 0.8713, 0.4414

Previews

White Background



This preview shows how the XYZ color 72.0570, 82.5666, 89.9810 looks on a white background.

Color Contrast Check

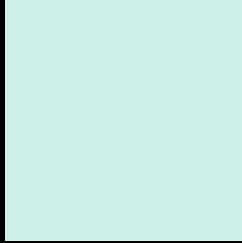
Large Text (above 18pt) WCAG AA × Fail

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 72.0570, 82.5666, 89.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

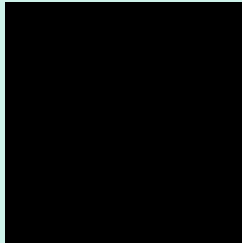
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

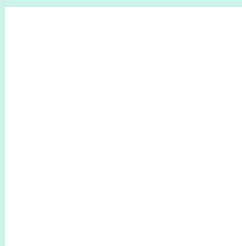
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0570, 82.5666, 89.9810

Background



This preview shows how black text looks on a background with the XYZ color 72.0570, 82.5666, 89.9810.



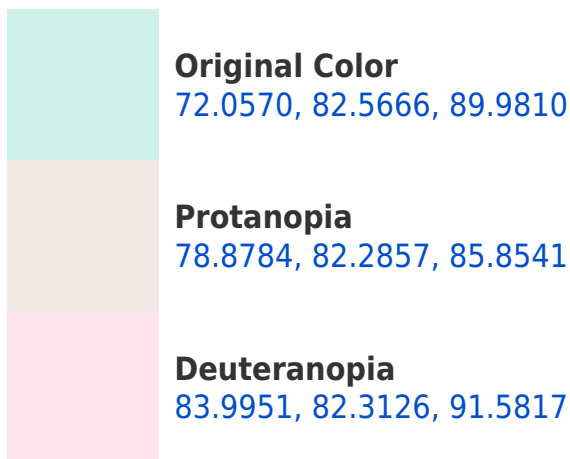
This preview shows how white text looks on a background with the XYZ color 72.0570, 82.5666,

89.9810.

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

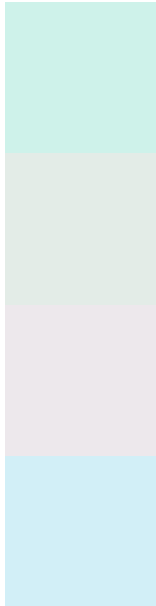




Tritanopia

76.0651, 82.5152, 106.5257

Trichromacy



Original Color

72.0570, 82.5666, 89.9810

Protanomaly

76.0978, 82.0913, 87.4357

Deuteranomaly

78.9220, 81.7739, 90.9812

Tritanomaly

74.2333, 82.1500, 99.9397

Monochromacy



Original Color

72.0570, 82.5666, 89.9810

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.6654, 79.9873, 87.1578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0570, 82.5666, 89.9810 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(206, 242, 234)` looks like.

```
.text, #text, p{  
    color:rgb(206, 242, 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(206, 242, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 242, 234) }
```

Border

The CSS property to change the border of an element to XYZ 72.0570, 82.5666, 89.9810 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(206, 242, 234) }
```


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

```
.border{ border-color:rgb(206, 242, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 242, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 242, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 242, 234); box-shadow:4px 4px 4px 4px rgb(206, 242, 234) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0570, 82.5666, 89.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 242, 234) }
```

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

```
.background{ background-color: rgb(206,  
242, 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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