

Converting Colors

XYZ(72.4186, 85.4188, 90.6000)

Have a look what the booklet for
XYZ(72.4186, 85.4188, 90.6000)
contains.

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Color

**XYZ(72.5061, 85.4928,
90.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F8EA
RGB	201, 248, 234
RGB Percent	79%, 97%, 92%
CMY	0.2118, 0.0274, 0.0823
CMYK	0.19, 0.00, 0.06, 0.03
HSL	162°, 77%, 88%
HSV	162°, 19%, 97%
XYZ	72.5061, 85.4928, 90.5222
YIQ	232.3510, -23.5180, -14.3180

Conversions

Conversions Part 2

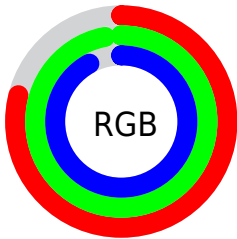
Format	Color
R _Y B	201, 229, 248
Decimal	13236458
CIE Lab	94.10, -17.69, 1.76
CIE LCh	94, 17.776, 174.319
Yxy	85.4928, 0.2918, 0.3440
Android (android.graphics.Color)	4291426538 (0xFFC9F8EA)
YUV	232.3510, 0.8130, -27.4948
Hunter-Lab	92.4623, -21.8349, 6.6777

Details

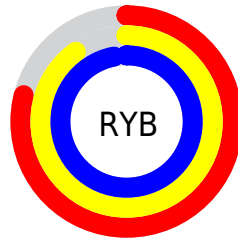
The XYZ color **72.5061, 85.4928, 90.5222** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8668, 66.6383, 73.3684**, and the grayscale version is **76.9734, 80.9820, 88.1894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7396, 47.0246, 49.1543** is the 20% darker color. If you saturate the color by 10%, you get **65.3309, 81.9163, 84.7615**, and if you desaturate by 10%, it is **80.8068, 89.6490, 96.5702**.

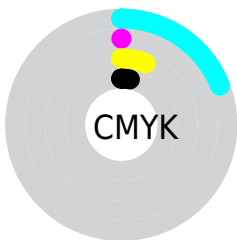
Distribution



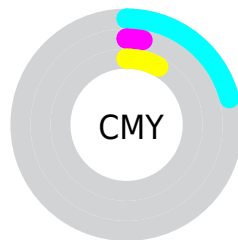
- Red (79%)
- Green (97%)
- Blue (92%)



- Red (79%)
- Yellow (90%)
- Blue (97%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)





- Cyan (21%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5061, 85.4928, 90.5222 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 72.5061, 85.4928, 90.5222 by changing the saturation by 10% instead.


 72.5061, 85.4928,
90.5222

 72.5061, 85.4928,
90.5222


458.4316,
513.2573, 550.3420

 53.8591, 64.2486,
67.8377

121.7827,
141.0615, 150.0054

 38.7193, 46.8521,
49.2998


153.1431,
176.1548, 187.6411

 26.7212, 32.9187,
34.4901


189.4720,
216.6333, 231.0977

 17.4994, 22.0642,
22.9900

231.1347,
262.8814, 280.7937

 10.6887, 13.9041,
14.3809

278.4967,
315.2834, 337.1475

 5.9237, 8.0540,
8.2443

331.9233,

 2.8389, 4.1295,

374.2238, 400.5778

4.1616

391.7798,
440.0870, 471.5031

■ 1.0692, 1.7463,
1.7144

■ 0.0000, 0.4533,
0.3706

■ 72.5061, 85.4928,
90.5222

■ 72.5061, 85.4928,
90.5222

■ 65.3309, 81.9163,
84.7615

■ 80.8068, 89.6490,
96.5702

■ 59.2218, 78.8820,
79.2773

■ 90.2743, 94.3993,
102.9049

■ 54.1250, 76.3645,
74.0660

■ 92.8590, 95.6179,
108.1697

■ 49.9786, 74.3322,
69.1217

■ 46.7143, 72.7496,
64.4385

■ 44.2536, 71.5766,
60.0095

■ 42.5042, 70.7654,
55.8274

■ 41.3288, 70.2456,
51.8826

■ 41.2205, 70.1985,
51.4821

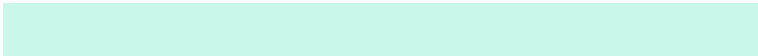
Harmonies

Analogous

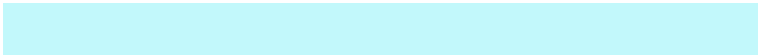
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0644, 85.4928, 78.6513



72.5061, 85.4928, 90.5222



73.2178, 85.4928, 104.2777

Triad

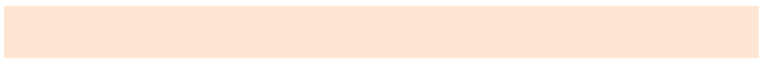
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5061, 85.4928, 90.5222



85.0772, 85.4928, 119.0104



86.7018, 85.4928, 73.4192

Complementary

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



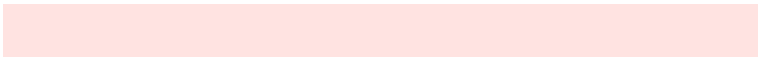
72.5061, 85.4928, 90.5222



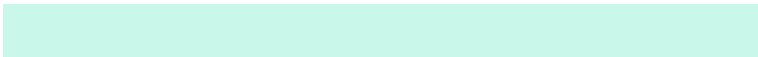
71.8668, 66.6383, 73.3684

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.



89.8670, 85.4928, 82.7273



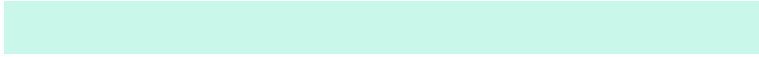
72.5061, 85.4928, 90.5222



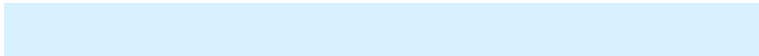
88.9037, 85.4928, 109.1894

Square

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



72.5061, 85.4928, 90.5222



80.3577, 85.4928, 121.6113



90.6880, 85.4928, 95.7000



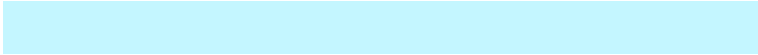
82.1656, 85.4928, 69.4131

Rectangle

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



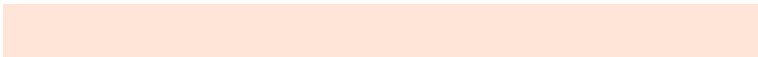
72.5061, 85.4928, 90.5222



74.8986, 85.4928, 112.5799



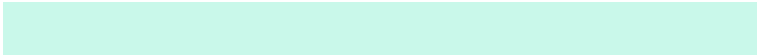
90.6880, 85.4928, 95.7000



87.9683, 85.4928, 75.9852

Sweetspot

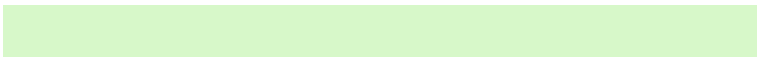
The Sweet Spot groups the original color and five complimentary colors.



72.5085, 85.4964, 90.5241



88.9181, 96.9227, 104.8276



72.1665, 85.8178, 68.0207



18.8952, 20.6768, 22.3440



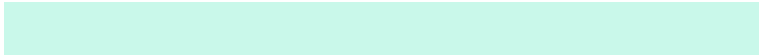
0.0000, 0.0000, 0.0000



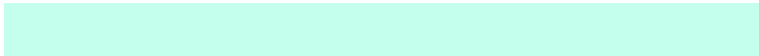
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5085, 85.4964, 90.5241



73.9793, 89.4480, 93.8909



71.7829, 80.6971, 100.6038



17.5326, 19.5153, 21.0051



22.3310, 37.9454, 28.1503



2.1149, 3.5331, 2.8528

Inverse Universe

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



71.8668, 66.6383, 73.3684



73.1740, 65.7440, 72.3332



72.4023, 70.4669, 65.0452



17.4574, 17.3103, 18.9983



21.6311, 11.0682, 4.7657



2.0479, 1.0429, 0.6757

Previews

White Background



This preview shows how the XYZ color 72.5061, 85.4928, 90.5222 looks on a white background.

Color Contrast Check

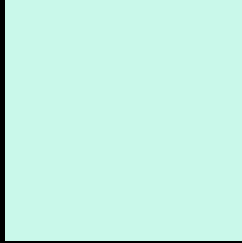
Large Text (above 18pt) WCAG AA × Fail

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 72.5061, 85.4928, 90.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

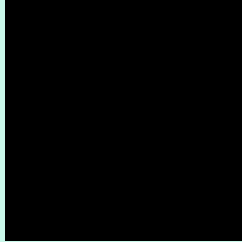
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

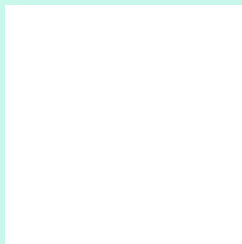
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5061, 85.4928, 90.5222

Background



This preview shows how black text looks on a background with the XYZ color 72.5061, 85.4928, 90.5222.



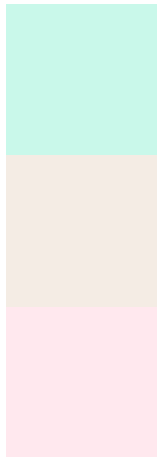
This preview shows how white text looks on a background with the XYZ color 72.5061, 85.4928,

90.5222.

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

72.5061, 85.4928, 90.5222

Protanopia

81.3073, 84.8254, 85.4864

Deuteranopia

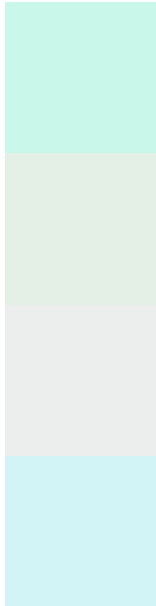
85.5292, 85.1463, 92.8159



Tritanopia

78.4174, 85.4760, 106.9732

Trichromacy



Original Color

72.5061, 85.4928, 90.5222

Protanomaly

77.4379, 84.5273, 87.0969

Deuteranomaly

80.1215, 84.9257, 92.2902

Tritanomaly

76.0032, 85.2657, 100.4478

Monochromacy



Original Color

72.5061, 85.4928, 90.5222

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.1013, 82.4044, 89.0382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5061, 85.4928, 90.5222 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(201, 248, 234)` looks like.

```
.text, #text, p{  
    color:rgb(201, 248, 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(201, 248, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 248, 234) }
```

Border

The CSS property to change the border of an element to XYZ 72.5061, 85.4928, 90.5222 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(201, 248, 234) }
```


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

```
.border{ border-color:rgb(201, 248, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 248, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 248, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 248, 234);  
box-shadow:4px 4px 4px 4px rgb(201, 248,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5061, 85.4928, 90.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 248, 234) }
```

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

```
.background{ background-color: rgb(201,  
248, 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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