

Converting Colors

XYZ(73.9218, 85.3896, 98.3058)

Have a look what the booklet for
XYZ(73.9218, 85.3896, 98.3058)
contains.

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Color

**XYZ(73.9470, 85.6097,
98.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF7F4
RGB	202, 247, 244
RGB Percent	79%, 97%, 96%
CMY	0.2078, 0.0314, 0.0431
CMYK	0.18, 0.00, 0.01, 0.03
HSL	176°, 74%, 88%
HSV	176°, 18%, 97%
XYZ	73.9470, 85.6097, 98.2149
YIQ	233.2030, -25.8570, -10.4730

Conversions

Conversions Part 2

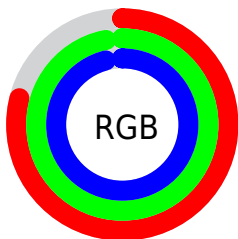
Format	Color
R_{YB}	202, 225, 247
Decimal	13301748
CIE _{Lab}	94.15, -14.90, -3.34
CIE _{LCh}	94, 15.268, 192.624
Yxy	85.6097, 0.2869, 0.3321
Android (android.graphics.Color)	4291491828 (0xFFCAF7F4)
YUV	233.2030, 5.3229, -27.3650
Hunter-Lab	92.5255, -19.2613, 1.8321

Details

The XYZ color **73.9470, 85.6097, 98.2149** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.5007, 66.4253, 66.8667**, and the grayscale version is **77.5821, 81.6224, 88.8868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7405, 47.0955, 54.5727** is the 20% darker color. If you saturate the color by 10%, you get **67.5428, 82.3392, 96.6162**, and if you desaturate by 10%, it is **81.4281, 89.4396, 99.8793**.

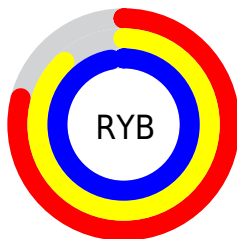
Distribution



Red (79%)

Green (97%)

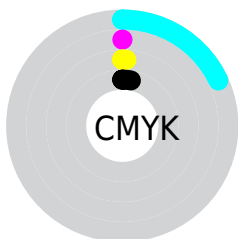
Blue (96%)



Red (79%)

Yellow (88%)

Blue (97%)

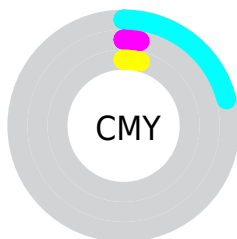


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (3%)



Cyan (21%)


Magenta (3%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9470, 85.6097, 98.2149 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 73.9470, 85.6097, 98.2149 by changing the saturation by 10% instead.


 73.9470, 85.6097,
98.2149

 73.9470, 85.6097,
98.2149


463.3436,
513.6434, 575.6519

 55.0418, 64.3453,
74.2020


123.8166,
141.2247, 160.7323

 39.6692, 46.9304,
54.4616


155.5117,
176.3441, 200.0739

 27.4637, 32.9806,
38.5751


192.2007,
216.8506, 245.3621

 18.0602, 22.1116,
26.1241

234.2492,
263.1285, 297.0155

 11.0932, 13.9389,
16.6899

282.0223,
315.5624, 355.4527

 6.1973, 8.0782,
9.8540

335.8855,

 3.0072, 4.1450,

374.5366, 421.0921

5.1979

396.2042,
440.4354, 494.3523

■ 1.1576, 1.7550,
2.3031

■ 0.0725, 0.4589,
0.7330

■ 73.9470, 85.6097,
98.2149

■ 73.9470, 85.6097,
98.2149

■ 67.5428, 82.3392,
96.6162

■ 81.4281, 89.4396,
99.8793

■ 62.1572, 79.5914,
95.0749


■ 90.0261, 93.8427,
101.6060


■ 57.7378, 77.3414,
93.5906


■ 91.5929, 94.6208,
103.0153

■ 54.2246, 75.5583,
92.1602


■ 91.8511, 94.7241,
104.3751

 51.5508, 74.2077,
90.7807


 92.1116, 94.8283,
105.7469


 49.6402, 73.2502,
89.4484

 92.3744, 94.9334,
107.1306

 48.4032, 72.6398,
88.1592

 92.5523, 95.0046,
108.0674

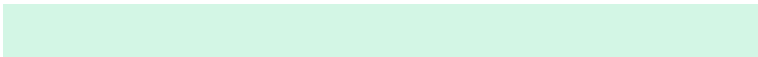
 47.7150, 72.3120,
86.9071

 47.6186, 72.2671,
86.6865

Harmonies

Analogous

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



74.1051, 85.6097, 86.6604



73.9470, 85.6097, 98.2149



75.7289, 85.6097, 109.2830

Triad

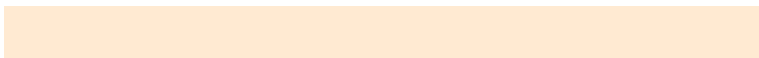
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9470, 85.6097, 98.2149



86.8021, 85.6097, 110.7549



83.7364, 85.6097, 73.3624

Complementary

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



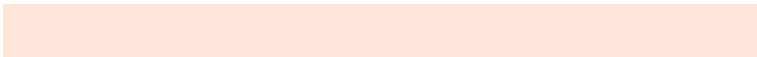
73.9470, 85.6097, 98.2149



70.5007, 66.4253, 66.8667

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.



87.2834, 85.6097, 78.8036



73.9470, 85.6097, 98.2149



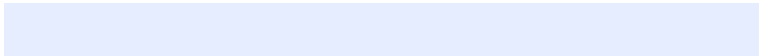
89.0936, 85.6097, 100.0909

Square

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



73.9470, 85.6097, 98.2149



83.0972, 85.6097, 116.9191



89.2727, 85.6097, 88.3866



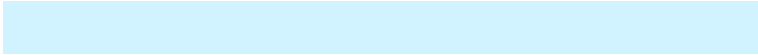
79.6658, 85.6097, 72.9519

Rectangle

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



73.9470, 85.6097, 98.2149



77.8129, 85.6097, 114.6380



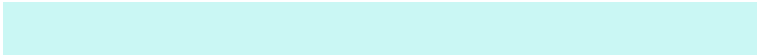
89.2727, 85.6097, 88.3866



85.0327, 85.6097, 74.6414

Sweetspot

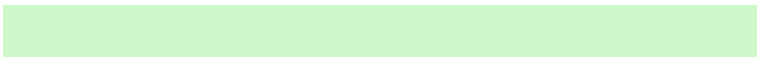
The Sweet Spot groups the original color and five complimentary colors.



73.9495, 85.6132, 98.2168



90.3771, 97.6068, 107.9678



69.3082, 83.8754, 68.4153



19.2091, 20.8226, 23.0818



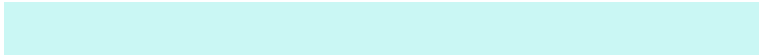
0.0000, 0.0000, 0.0000



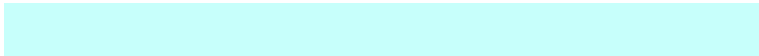
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9495, 85.6132, 98.2168



76.7397, 90.6296, 104.9274



68.9604, 74.8992, 98.8221



16.9462, 18.7376, 21.0008



25.2040, 38.2264, 45.9553



2.2293, 3.3654, 4.1134

Inverse Universe

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



70.5007, 66.4253, 66.8667



72.3775, 66.3557, 65.2708



74.8119, 75.6223, 66.5322



16.5440, 16.5004, 17.3452



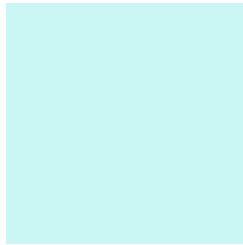
20.3551, 10.4855, 1.3126



1.8044, 0.9277, 0.1964

Previews

White Background



This preview shows how the XYZ color 73.9470, 85.6097, 98.2149 looks on a white background.

Color Contrast Check

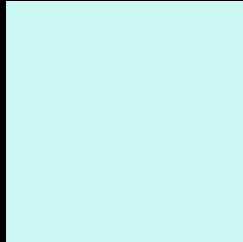
Large Text (above 18pt) WCAG AA × Fail

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 73.9470, 85.6097, 98.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

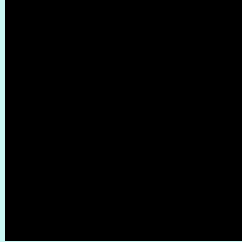
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

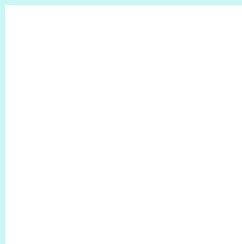
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9470, 85.6097, 98.2149

Background



This preview shows how black text looks on a background with the XYZ color 73.9470, 85.6097, 98.2149.

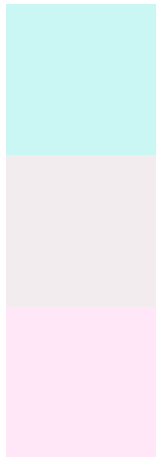


This preview shows how white text looks on a background with the XYZ color 73.9470, 85.6097,

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

73.9470, 85.6097, 98.2149

Protanopia

82.0460, 85.0412, 92.9792

Deuteranopia

86.6044, 85.1272, 99.8623



Tritanopia

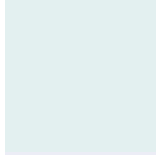
78.4174, 85.4760, 106.9732

Trichromacy



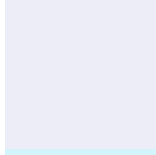
Original Color

73.9470, 85.6097, 98.2149



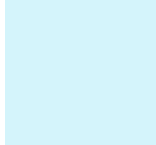
Protanomaly

78.5668, 84.9423, 94.6927



Deuteranomaly

81.5108, 85.0551, 99.3100



Tritanomaly

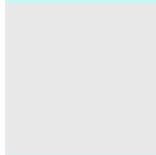
76.9146, 85.6635, 103.7477

Monochromacy



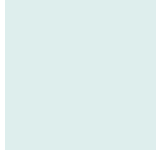
Original Color

73.9470, 85.6097, 98.2149



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.9848, 82.7931, 92.0966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9470, 85.6097, 98.2149 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(202, 247, 244)` looks like.

```
.text, #text, p{  
    color:rgb(202, 247, 244)  
}
```

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(202, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 247, 244) }
```

Border

The CSS property to change the border of an element to XYZ 73.9470, 85.6097, 98.2149 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(202, 247, 244) }
```


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

```
.border{ border-color:rgb(202, 247, 244) }
```

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

Here you see how a box with a 4 pixel rgb(202, 247, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(202, 247,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9470, 85.6097, 98.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 247, 244) }
```

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

```
.background{ background-color: rgb(202,  
247, 244) }
```

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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