

Converting Colors

XYZ(73.3768, 85.0736, 98.6718)

Have a look what the booklet for
XYZ(73.3768, 85.0736, 98.6718)
contains.

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Color

**XYZ(73.2566, 84.7835,
98.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F6F5
RGB	200, 246, 245
RGB Percent	78%, 96%, 96%
CMY	0.2157, 0.0353, 0.0392
CMYK	0.19, 0.00, 0.00, 0.04
HSL	179°, 72%, 87%
HSV	179°, 19%, 96%
XYZ	73.2566, 84.7835, 98.8900
YIQ	232.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

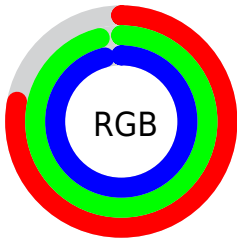
Format	Color
R_{YB}	200, 223, 246
Decimal	13170421
CIE _{Lab}	93.79, -14.80, -4.39
CIE _{LCh}	94, 15.440, 196.525
Yxy	84.7835, 0.2851, 0.3300
Android (android.graphics.Color)	4291360501 (0xFFC8F6F5)
YUV	232.1320, 6.3439, -28.1798
Hunter-Lab	92.0780, -19.1230, 0.7782

Details

The XYZ color **73.2566, 84.7835, 98.8900** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.2059, 65.1207, 64.1839**, and the grayscale version is **76.7711, 80.7692, 87.9576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2758, 46.5208, 55.0535** is the 20% darker color. If you saturate the color by 10%, you get **67.1267, 81.6351, 98.1779**, and if you desaturate by 10%, it is **80.4487, 88.4839, 99.6567**.

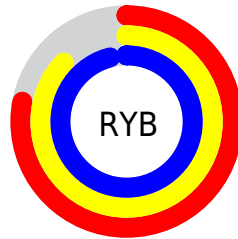
Distribution



Red (78%)

Green (96%)

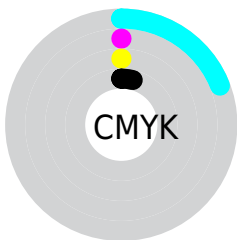
Blue (96%)



Red (78%)

Yellow (87%)

Blue (96%)

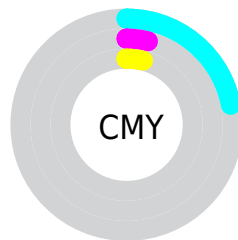


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2566, 84.7835, 98.8900 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 73.2566, 84.7835, 98.8900 by changing the saturation by 10% instead.

73.2566, 84.7835,
98.8900

73.2566, 84.7835,
98.8900

460.9937,
510.9114, 577.8443

54.4749, 63.6625,
74.7621

122.8426,
140.0707, 161.6695

39.2137, 46.3774,
54.9175

154.3776,
175.0056, 201.1582

27.1075, 32.5437,
38.9375

190.8945,
215.3140, 246.6043

17.7910, 21.7771,
26.4037

232.7585,
261.3802, 298.4263

10.8988, 13.6932,
16.8974

280.3351,
313.5887, 357.0428

6.0656, 7.9076,
10.0002

333.9896,

2.9261, 4.0359,

372.3238, 422.8722

5.2935

394.0873,
437.9699, 496.3332

■ 1.1148, 1.6937,
2.3587

■ 0.0374, 0.4195,
0.7638

■ 73.2566, 84.7835,
98.8900

■ 73.2566, 84.7835,
98.8900

■ 67.1267, 81.6351,
98.1779

■ 80.4487, 88.4839,
99.6567

■ 62.0013, 79.0023,
97.5122

■ 88.7428, 92.7502,
100.4743

■ 57.8281, 76.8603,
96.8923

■ 90.9259, 93.8661,
101.0073

■ 54.5474, 75.1784,
96.3155

■ 91.0087, 93.8992,
101.4432

■ 52.0928, 73.9224,
95.7785

■ 91.0917, 93.9324,
101.8803

■ 50.3884, 73.0531,
95.2779

■ 91.1749, 93.9657,
102.3187

■ 49.3446, 72.5242,
94.8094

■ 91.2584, 93.9991,
102.7583

■ 48.8311, 72.2688,
94.3670

■ 91.3421, 94.0326,
103.1992

■ 48.7807, 72.2440,
94.3104

■ 91.4261, 94.0661,
103.6414

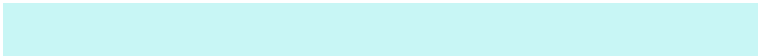
Harmonies

Analogous

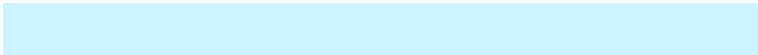
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1547, 84.7835, 87.1505



73.2566, 84.7835, 98.8900



75.2782, 84.7835, 109.6964

Triad

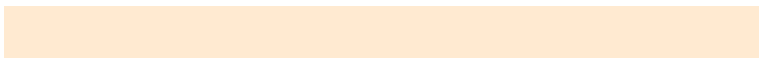
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2566, 84.7835, 98.8900



86.4444, 84.7835, 108.7454



82.4361, 84.7835, 72.0441

Complementary

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



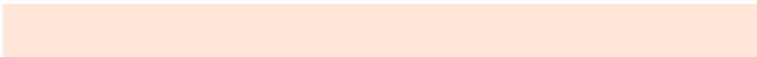
73.2566, 84.7835, 98.8900



69.2059, 65.1207, 64.1839

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.



86.1338, 84.7835, 76.8738



73.2566, 84.7835, 98.8900



88.5004, 84.7835, 97.6793

Square

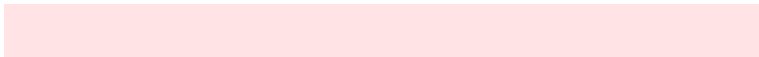
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2566, 84.7835, 98.8900



82.8485, 84.7835, 115.7083



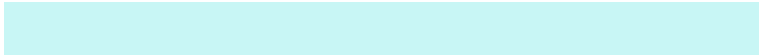
88.3848, 84.7835, 86.0377



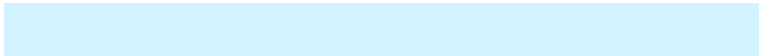
78.3615, 84.7835, 72.3082

Rectangle

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



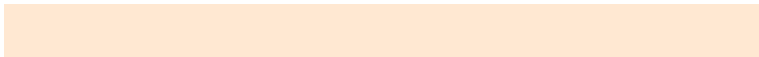
73.2566, 84.7835, 98.8900



77.4829, 84.7835, 114.6229



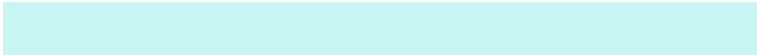
88.3848, 84.7835, 86.0377



83.7671, 84.7835, 73.1070

Sweetspot

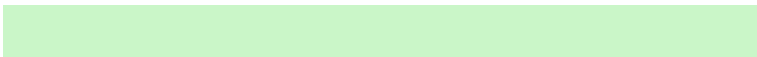
The Sweet Spot groups the original color and five complimentary colors.



73.2591, 84.7870, 98.8919



89.5897, 97.1913, 108.3642



67.6146, 82.5768, 67.0203



19.0544, 20.7404, 23.1822



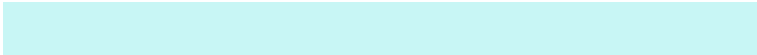
0.0000, 0.0000, 0.0000



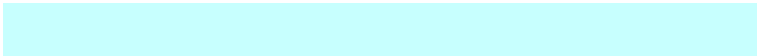
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2591, 84.7870, 98.8919



77.1403, 90.7899, 107.0367



67.2556, 72.5343, 97.6486



16.9802, 18.7512, 21.1800



26.0433, 38.5622, 50.3752



2.2938, 3.3912, 4.4532

Inverse Universe

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



69.2059, 65.1207, 64.1839



72.0802, 66.2368, 63.7053



74.4142, 75.7256, 65.3395



16.5138, 16.4884, 17.1862



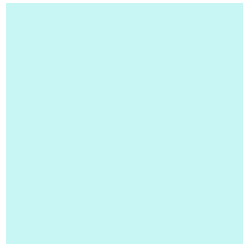
20.3084, 10.4668, 1.0665



1.7900, 0.9220, 0.1203

Previews

White Background



This preview shows how the XYZ color 73.2566, 84.7835, 98.8900 looks on a white background.

Color Contrast Check

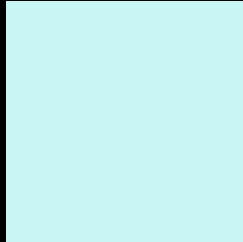
Large Text (above 18pt) WCAG AA × Fail

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 73.2566, 84.7835, 98.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

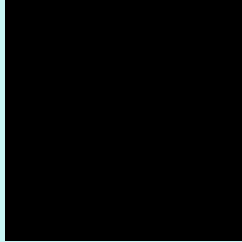
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2566, 84.7835, 98.8900

Background



This preview shows how black text looks on a background with the XYZ color 73.2566, 84.7835, 98.8900.



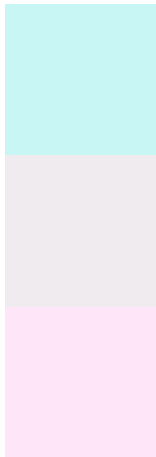
This preview shows how white text looks on a background with the XYZ color 73.2566, 84.7835,

98.8900.

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

73.2566, 84.7835, 98.8900

Protanopia

81.2235, 84.1739, 93.6276

Deuteranopia

86.1131, 84.4418, 100.5672



Tritanopia

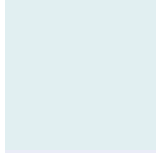
77.2369, 84.4267, 106.8329

Trichromacy



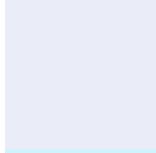
Original Color

73.2566, 84.7835, 98.8900



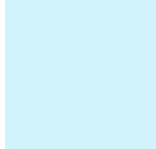
Protanomaly

77.7950, 84.0914, 95.3501



Deuteranomaly

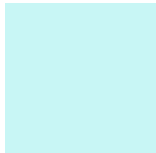
80.7156, 84.1987, 99.9935



Tritanomaly

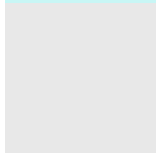
75.7577, 84.6215, 103.6075

Monochromacy



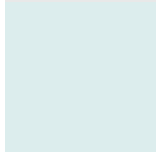
Original Color

73.2566, 84.7835, 98.8900



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

75.0854, 81.8984, 91.9713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2566, 84.7835, 98.8900 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(200, 246, 245)` looks like.

```
.text, #text, p{  
    color:rgb(200, 246, 245)  
}
```

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(200, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 246, 245) }
```

Border

The CSS property to change the border of an element to XYZ 73.2566, 84.7835, 98.8900 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(200, 246, 245) }
```


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

```
.border{ border-color:rgb(200, 246, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 246, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(200, 246,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2566, 84.7835, 98.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 246, 245) }
```

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

```
.background{ background-color: rgb(200,  
246, 245) }
```

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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