

Converting Colors

XYZ(73.3723, 83.6541, 95.5018)

Have a look what the booklet for
XYZ(73.3723, 83.6541, 95.5018)
contains.

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Color

**XYZ(73.3814, 83.5739,
95.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF3F1
RGB	206, 243, 241
RGB Percent	81%, 95%, 95%
CMY	0.1921, 0.0470, 0.0549
CMYK	0.15, 0.00, 0.01, 0.05
HSL	177°, 61%, 88%
HSV	177°, 15%, 95%
XYZ	73.3814, 83.5739, 95.4828
YIQ	231.7090, -21.4100, -8.4660

Conversions

Conversions Part 2

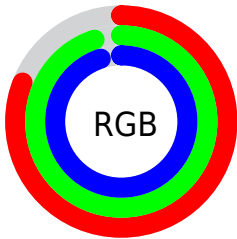
Format	Color
R _Y B	206, 225, 243
Decimal	13562865
CIE Lab	93.27, -12.28, -3.05
CIE LCh	93, 12.652, 193.928
Yxy	83.5739, 0.2907, 0.3311
Android (android.graphics.Color)	4291752945 (0xFFCEF3F1)
YUV	231.7090, 4.5805, -22.5468
Hunter-Lab	91.4188, -16.7017, 2.0674

Details

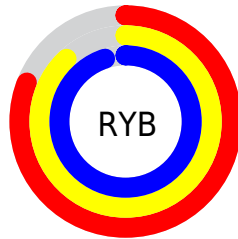
The XYZ color **73.3814, 83.5739, 95.4828** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.4217, 67.7537, 69.0444**, and the grayscale version is **76.4645, 80.4466, 87.6064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2898, 45.6227, 52.6342** is the 20% darker color. If you saturate the color by 10%, you get **66.9547, 80.2857, 94.1614**, and if you desaturate by 10%, it is **80.8573, 87.4073, 96.8642**.

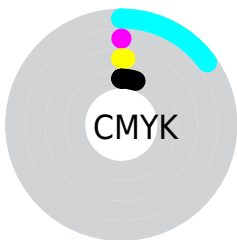
Distribution



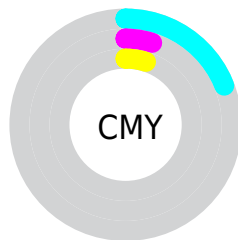
- Red (81%)
- Green (95%)
- Blue (95%)



- Red (81%)
- Yellow (88%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3814, 83.5739, 95.4828 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 73.3814, 83.5739, 95.4828 by changing the saturation by 10% instead.

73.3814, 83.5739,
95.4828

73.3814, 83.5739,
95.4828

461.4190,
506.8972, 566.7332

54.5774, 62.6637,
71.9378

123.0187,
138.3790, 156.9328

39.2960, 45.5692,
52.6213

154.5827,
173.0426, 195.6748

27.1718, 31.9060,
37.1149

191.1308,
213.0596, 240.3195

17.8395, 21.2897,
25.0000

233.0282,
258.8142, 291.2855

10.9338, 13.3359,
15.8580

280.6404,
310.6908, 348.9914

6.0893, 7.6603,
9.2705

334.3327,

2.9407, 3.8783,

369.0740, 413.8556

4.8188

394.4704,
434.3480, 486.2967

■ 1.1225, 1.6057,
2.0845

■ 0.0438, 0.3615,
0.6065

■ 73.3814, 83.5739,
95.4828

■ 73.3814, 83.5739,
95.4828

■ 66.9547, 80.2857,
94.1614

■ 80.8573, 87.4073,
96.8642

■ 61.5223, 77.5076,
92.8922


■ 89.4198, 91.7985,
98.3021


■ 57.0349, 75.2166,
91.6747


■ 89.7657, 91.9537,
99.3629


■ 53.4366, 73.3838,
90.5060


■ 89.9673, 92.0343,
100.4245

 50.6653, 71.9771,
89.3835


 90.1703, 92.1155,
101.4935


 48.6510, 70.9604,
88.3037


 90.3748, 92.1973,
102.5701


 47.3120, 70.2918,
87.2628

 90.5807, 92.2797,
103.6543

 46.5480, 69.9195,
86.2561

 90.7880, 92.3626,
104.7461

 46.3137, 69.8089,
85.7844

 90.9968, 92.4461,
105.8455

Harmonies

Analogous

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



73.4402, 83.5739, 86.0158



73.3814, 83.5739, 95.4828



74.9124, 83.5739, 104.3195

Triad

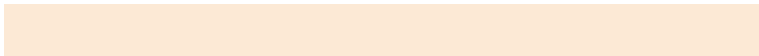
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3814, 83.5739, 95.4828



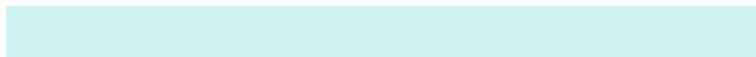
83.9592, 83.5739, 104.8515



81.2200, 83.5739, 74.4923

Complementary

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



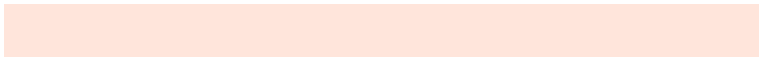
73.3814, 83.5739, 95.4828



70.4217, 67.7537, 69.0444

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.



84.1350, 83.5739, 78.8614



73.3814, 83.5739, 95.4828



85.7464, 83.5739, 96.1685

Square

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



73.3814, 83.5739, 95.4828



80.9855, 83.5739, 109.9786



85.8116, 83.5739, 86.6554



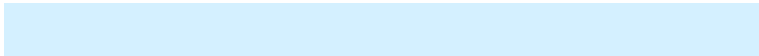
77.9034, 83.5739, 74.3370

Rectangle

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



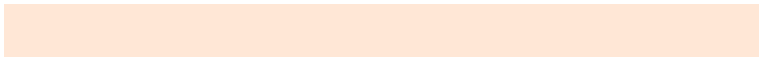
73.3814, 83.5739, 95.4828



76.6540, 83.5739, 108.4803



85.8116, 83.5739, 86.6554



82.2815, 83.5739, 75.5023

Sweetspot

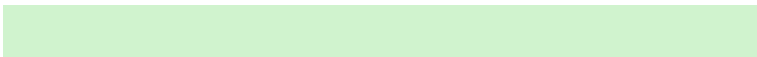
The Sweet Spot groups the original color and five complimentary colors.



73.3838, 83.5774, 95.4847



90.4029, 97.6171, 108.1034



69.3375, 82.0386, 70.5746



19.2154, 20.8251, 23.1149



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

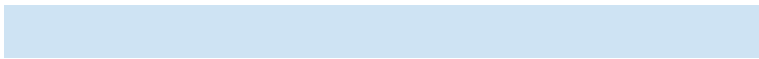
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3838, 83.5774, 95.4847



79.7352, 92.1509, 106.1081



69.0937, 74.5156, 95.5394



16.9557, 18.7414, 21.0509



25.4340, 38.3185, 47.1668



2.2471, 3.3725, 4.2069

Inverse Universe

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



70.4217, 67.7537, 69.0444



75.8964, 71.6426, 71.8416



74.2359, 75.7741, 69.1072



16.5355, 16.4971, 17.3005



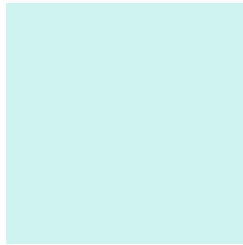
20.3414, 10.4800, 1.2402



1.8004, 0.9261, 0.1751

Previews

White Background



This preview shows how the XYZ color 73.3814, 83.5739, 95.4828 looks on a white background.

Color Contrast Check

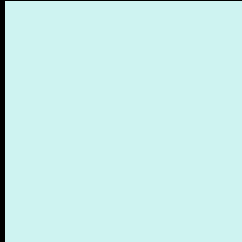
Large Text (above 18pt) WCAG AA × Fail

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 73.3814, 83.5739, 95.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

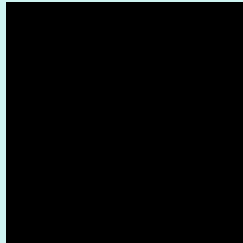
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

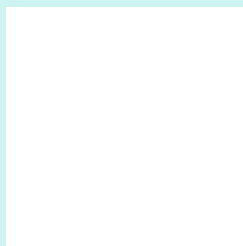
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3814, 83.5739, 95.4828

Background



This preview shows how black text looks on a background with the XYZ color 73.3814, 83.5739, 95.4828.



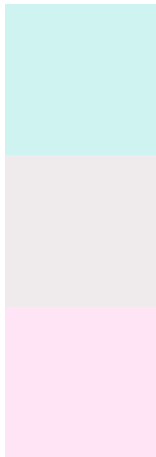
This preview shows how white text looks on a background with the XYZ color 73.3814, 83.5739,

95.4828.

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

73.3814, 83.5739, 95.4828

Protanopia

80.1597, 83.2525, 91.2013

Deuteranopia

84.9456, 83.0893, 97.1487



Tritanopia

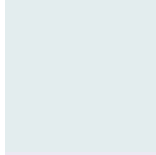
76.9408, 83.4001, 106.6504

Trichromacy



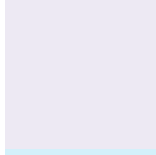
Original Color

73.3814, 83.5739, 95.4828



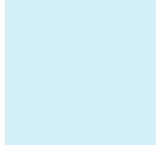
Protanomaly

77.3954, 83.0723, 92.8443



Deuteranomaly

80.2416, 82.7534, 96.5378



Tritanomaly

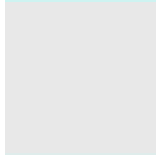
75.5668, 83.2194, 102.5226

Monochromacy



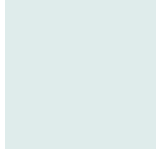
Original Color

73.3814, 83.5739, 95.4828



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

75.4223, 81.6770, 90.3873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3814, 83.5739, 95.4828 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, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(206, 243, 241)  
}
```

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, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.3814, 83.5739, 95.4828 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, 243, 241) }
```


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

```
.border{ border-color:rgb(206, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(206, 243,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3814, 83.5739, 95.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 243, 241) }
```

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

```
.background{ background-color: rgb(206,  
243, 241) }
```

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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