

Converting Colors

XYZ(73.1014, 84.4248, 91.0400)

Have a look what the booklet for
XYZ(73.1014, 84.4248, 91.0400)
contains.

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Color

**XYZ(73.1014, 84.4248,
91.0400)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CEF5EB |
| RGB | 206, 245, 235 |
| RGB Percent | 81%, 96%, 92% |
| CMY | 0.1921, 0.0392, 0.0784 |
| CMYK | 0.16, 0.00, 0.04, 0.04 |
| HSL | 165°, 66%, 88% |
| HSV | 165°, 16%, 96% |
| XYZ | 73.1014, 84.4248, 91.0400 |
| YIQ | 232.1990, -20.0340, -11.3780 |

Conversions

Conversions Part 2

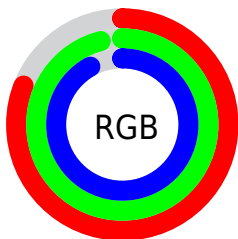
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 206, 228, 245 |
| Decimal | 13563371 |
| CIE _{Lab} | 93.63, -14.46, 0.61 |
| CIE _{LCh} | 94, 14.470, 177.592 |
| Y _{xy} | 84.4248, 0.2941, 0.3396 |
| Android (android.graphics.Color) | 4291753451 (0xFFCE5EB) |
| Y _{UV} | 232.1990, 1.3809, -22.9765 |
| Hunter-Lab | 91.8830, -18.7819, 5.5720 |

Details

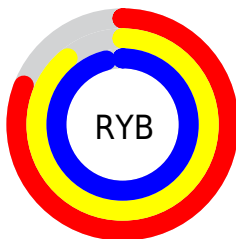
The XYZ color **73.1014, 84.4248, 91.0400** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.1252, 68.5152, 74.3928**, and the grayscale version is **76.8534, 80.8558, 88.0520**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0968, 46.2292, 49.5103** is the 20% darker color. If you saturate the color by 10%, you get **65.9313, 80.8338, 86.0499**, and if you desaturate by 10%, it is **81.3685, 88.5822, 96.2524**.

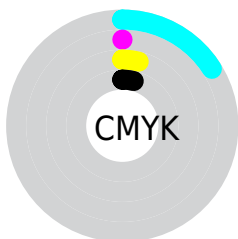
Distribution



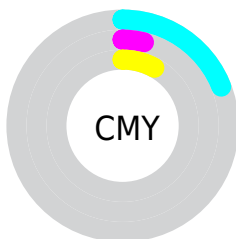
- Red (81%)
- Green (96%)
- Blue (92%)



- Red (81%)
- Yellow (89%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





- Cyan (19%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1014, 84.4248, 91.0400 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 73.1014, 84.4248, 91.0400 by changing the saturation by 10% instead.


 73.1014, 84.4248,
91.0400

 73.1014, 84.4248,
91.0400


460.4645,
509.7228, 552.0653

 54.3476, 63.3662,
68.2650


122.6235,
139.5693, 150.7303

 39.1114, 46.1375,
49.6453


154.1225,
174.4239, 188.4826

 27.0275, 32.3544,
34.7624


190.6005,
214.6461, 232.0645

 17.7306, 21.6323,
23.1978

232.4230,
260.6201, 281.8944

 10.8552, 13.5870,
14.5330

279.9553,
312.7304, 338.3908

 6.0361, 7.8340,
8.3493

333.5628,

 2.9079, 3.9889,

371.3613, 401.9725

4.2283

393.6107,
436.8973, 473.0578

■ 1.1053, 1.6674,
1.7514

■ 0.0295, 0.4024,
0.3956

■ 73.1014, 84.4248,
91.0400

■ 73.1014, 84.4248,
91.0400

■ 65.9313, 80.8338,
86.0499

■ 81.3685, 88.5822,
96.2524

■ 59.8019, 77.7734,
81.2725

■ 90.7705, 93.3186,
101.6853

■ 54.6623, 75.2196,
76.7054

■ 91.7599, 93.7143,
106.8952

■ 50.4545, 73.1426,
72.3442

■ 91.9440, 93.7880,
107.8647

■ 47.1145, 71.5094,
68.1840

■ 44.5698, 70.2826,
64.2197

■ 42.7358, 69.4188,
60.4455

■ 41.5077, 68.8639,
56.8545

■ 41.1147, 68.6922,
55.4383

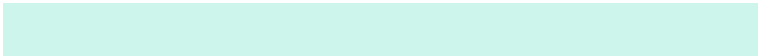
Harmonies

Analogous

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



74.1795, 84.4248, 81.0677



73.1014, 84.4248, 91.0400



73.8859, 84.4248, 102.0530

Triad

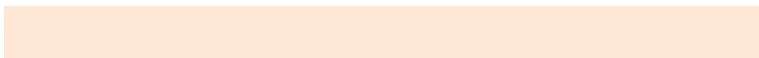
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1014, 84.4248, 91.0400



83.7061, 84.4248, 111.9325



84.2591, 84.4248, 75.2283

Complementary

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



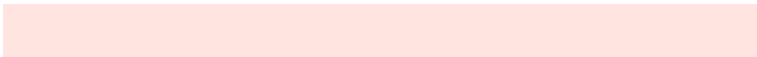
73.1014, 84.4248, 91.0400



72.1252, 68.5152, 74.3928

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.



86.9552, 84.4248, 82.4889



73.1014, 84.4248, 91.0400



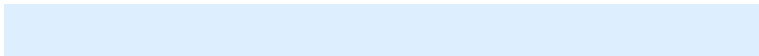
86.6288, 84.4248, 103.7093

Square

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



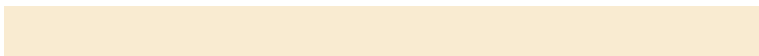
73.1014, 84.4248, 91.0400



79.9339, 84.4248, 114.6710



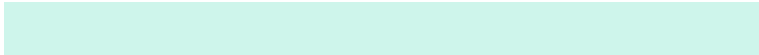
87.8357, 84.4248, 92.8142



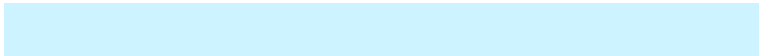
80.5534, 84.4248, 72.4040

Rectangle

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



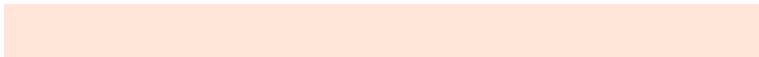
73.1014, 84.4248, 91.0400



75.3739, 84.4248, 108.4094



87.8357, 84.4248, 92.8142



85.3179, 84.4248, 77.2012

Sweetspot

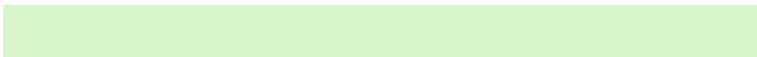
The Sweet Spot groups the original color and five complimentary colors.



73.1038, 84.4283, 91.0419



89.9917, 97.4527, 105.9384



72.2329, 84.4247, 70.8823



19.1152, 20.7850, 22.5871



0.0000, 0.0000, 0.0000



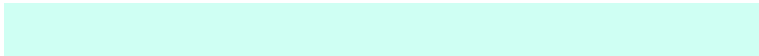
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1038, 84.4283, 91.0419



77.4799, 91.1660, 97.9700



71.9043, 79.6509, 97.9748



16.8045, 18.6810, 20.2551



22.2075, 37.0278, 30.1760



1.9933, 3.2710, 2.8707

Inverse Universe

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



72.1252, 68.5152, 74.3928



76.2270, 70.7811, 76.6461



73.1255, 72.5230, 68.5380



16.6735, 16.5523, 18.0274



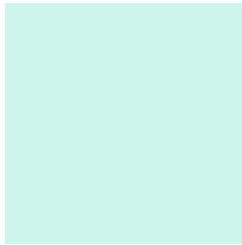
20.8144, 10.6692, 3.7309



1.8695, 0.9538, 0.5391

Previews

White Background



This preview shows how the XYZ color 73.1014, 84.4248, 91.0400 looks on a white background.

Color Contrast Check

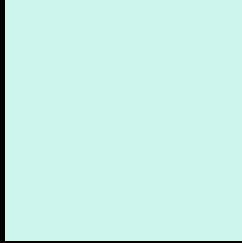
Large Text (above 18pt) WCAG AA × Fail

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 73.1014, 84.4248, 91.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

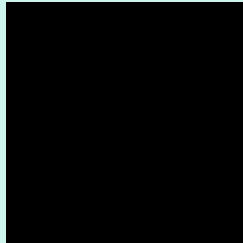
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

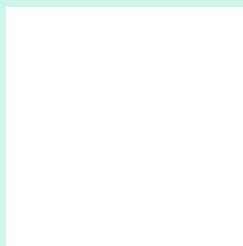
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1014, 84.4248, 91.0400

Background



This preview shows how black text looks on a background with the XYZ color 73.1014, 84.4248, 91.0400.



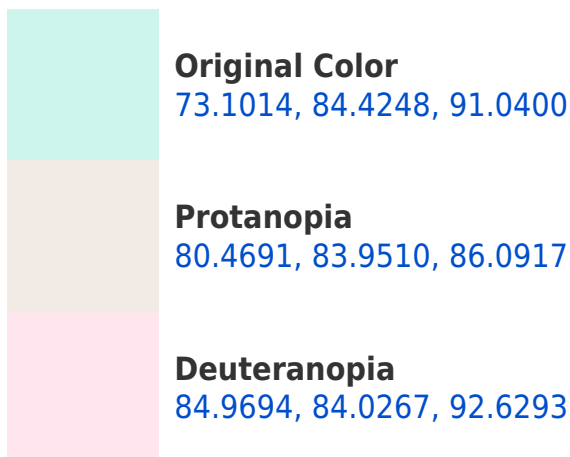
This preview shows how white text looks on a background with the XYZ color 73.1014, 84.4248,

91.0400.

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

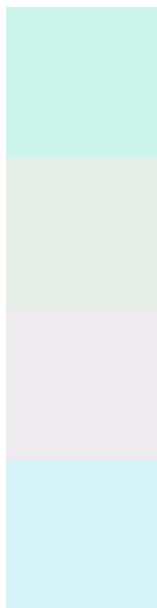




Tritanopia

77.8254, 84.2919, 106.7759

Trichromacy



Original Color

73.1014, 84.4248, 91.0400

Protanomaly

77.6034, 84.1605, 87.7558

Deuteranomaly

79.9194, 83.5356, 92.0325

Tritanomaly

76.1360, 84.4277, 101.0903

Monochromacy



Original Color

73.1014, 84.4248, 91.0400

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.4236, 82.1395, 88.9701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1014, 84.4248, 91.0400 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, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(206, 245, 235)  
}
```

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, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 245, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.1014, 84.4248, 91.0400 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, 245, 235) }
```


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

```
.border{ border-color:rgb(206, 245, 235) }
```

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

Here you see how a box with a 4 pixel rgb(206, 245, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(206, 245,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1014, 84.4248, 91.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 245, 235) }
```

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

```
.background{ background-color: rgb(206,  
245, 235) }
```

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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