

Converting Colors

XYZ(73.2480, 84.7841, 79.9256)

Have a look what the booklet for
XYZ(73.2480, 84.7841, 79.9256)
contains.

XYZ(73.3022, 84.7683, 80.2086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.3022, 84.7683,
80.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F5DC
RGB	214, 245, 220
RGB Percent	84%, 96%, 86%
CMY	0.1608, 0.0392, 0.1372
CMYK	0.13, 0.00, 0.10, 0.04
HSL	132°, 61%, 90%
HSV	132°, 13%, 96%
XYZ	73.3022, 84.7683, 80.2086
YIQ	232.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

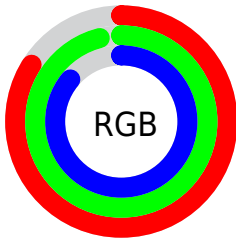
Format	Color
R_{YB}	214, 240, 245
Decimal	14087644
CIE Lab	93.78, -14.68, 8.65
CIE LCh	94, 17.040, 149.478
Yxy	84.7683, 0.3076, 0.3558
Android (android.graphics.Color)	4292277724 (0xFFD6F5DC)
YUV	232.8810, -6.3503, -16.5586
Hunter-Lab	92.0697, -19.0074, 12.7970

Details

The XYZ color **73.3022, 84.7683, 80.2086** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2858, 73.7396, 91.8250**, and the grayscale version is **77.4165, 81.4481, 88.6970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2872, 46.4827, 42.4987** is the 20% darker color. If you saturate the color by 10%, you get **64.2186, 80.3726, 66.9214**, and if you desaturate by 10%, it is **83.7754, 89.8493, 95.1790**.

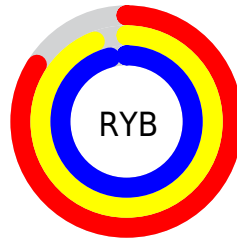
Distribution



Red (84%)

Green (96%)

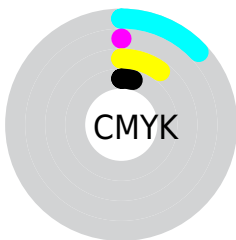
Blue (86%)



Red (84%)

Yellow (94%)

Blue (96%)

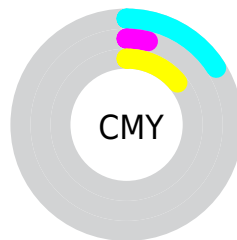


Cyan (13%)

Magenta (0%)

Yellow (10%)

Black (4%)



Cyan (16%)


Magenta (4%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3022, 84.7683, 80.2086 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 73.3022, 84.7683, 80.2086 by changing the saturation by 10% instead.


 73.3022, 84.7683,
80.2086

 73.3022, 84.7683,
80.2086


461.1491,
510.8611, 515.3608

 54.5124, 63.6500,
59.3628


122.9069,
140.0494, 135.4730

 39.2437, 46.3672,
42.4833


154.4526,
174.9810, 170.7288

 27.1310, 32.5357,
29.1516


190.9808,
215.2857, 211.6249

 17.8087, 21.7710,
18.9489

232.8571,
261.3480, 258.5800

 10.9116, 13.6887,
11.4569

280.4467,
313.5523, 312.0127

 6.0743, 7.9045,
6.2570

334.1150,

 2.9314, 4.0339,

372.2830, 372.3413

2.9307

394.2273,
437.9245, 439.9845

■ 1.1176, 1.6925,
1.0594

■ 0.0397, 0.4188,
0.0000

■ 73.3022, 84.7683,
80.2086

■ 73.3022, 84.7683,
80.2086

■ 64.2186, 80.3726,
66.9214

■ 83.7754, 89.8493,
95.1790

■ 56.4588, 76.6226,
55.2531

■ 91.9441, 93.7882,
107.8647

■ 49.9625, 73.4906,
45.1433

■ 44.6617, 70.9432,
36.5258

■ 40.4817, 68.9433,
29.3299

■ 37.3397, 67.4498,
23.4787

■ 35.1406, 66.4154,
18.8884

■ 33.7711, 65.7838,
15.4652

■ 33.1756, 65.5168,
13.6312

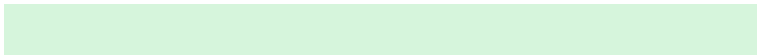
Harmonies

Analogous

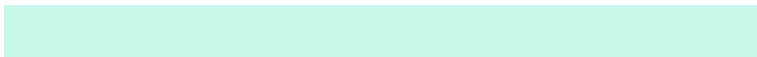
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3622, 84.7683, 72.2545



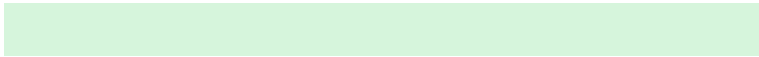
73.3022, 84.7683, 80.2086



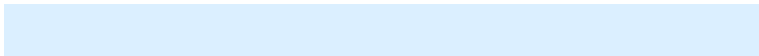
72.1760, 84.7683, 92.0713

Triad

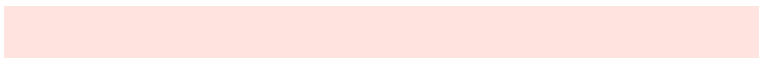
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3022, 84.7683, 80.2086



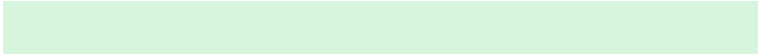
80.4904, 84.7683, 119.5353



88.3867, 84.7683, 80.5674

Complementary

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



73.3022, 84.7683, 80.2086



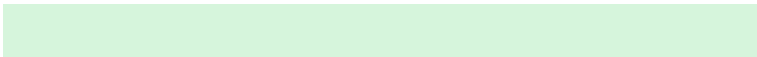
77.2858, 73.7396, 91.8250

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.



89.5903, 84.7683, 92.5256



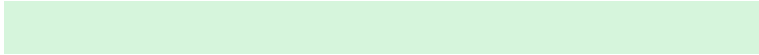
73.3022, 84.7683, 80.2086



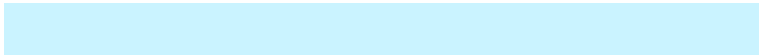
84.9291, 84.7683, 115.7433

Square

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



73.3022, 84.7683, 80.2086



76.2297, 84.7683, 115.4793



88.3024, 84.7683, 105.5455



85.0714, 84.7683, 72.4476

Rectangle

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



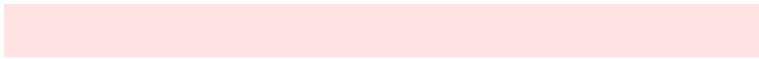
73.3022, 84.7683, 80.2086



72.6395, 84.7683, 100.8619



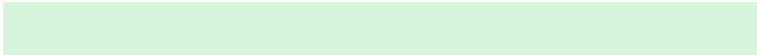
88.3024, 84.7683, 105.5455



89.0571, 84.7683, 84.2336

Sweetspot

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



73.3045, 84.7719, 80.2105



90.1001, 97.5980, 101.9025



80.4971, 88.5700, 76.4723



19.0919, 20.7963, 21.5370



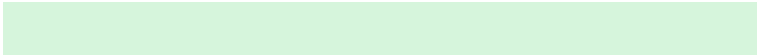
0.0000, 0.0000, 0.0000



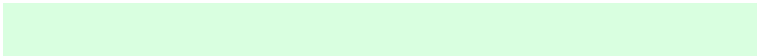
20.3446, 21.4041, 23.3091

Same Dimension

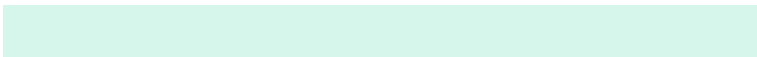
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3045, 84.7719, 80.2105



77.7763, 91.6235, 84.2156



75.4085, 85.6135, 91.2900



16.4133, 18.5244, 18.1946



17.9094, 35.3086, 7.5426



1.6085, 3.1171, 0.8442

Inverse Universe

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



77.2858, 73.7396, 91.8250



82.8693, 77.5093, 99.0727



75.1351, 72.8793, 80.4997



17.0681, 16.7101, 20.1050



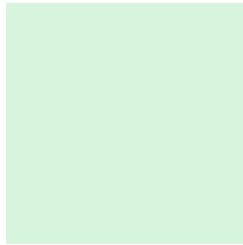
25.8011, 12.6639, 29.9906



2.3021, 1.1268, 2.8172

Previews

White Background



This preview shows how the XYZ color 73.3022, 84.7683, 80.2086 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 73.3022, 84.7683, 80.2086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

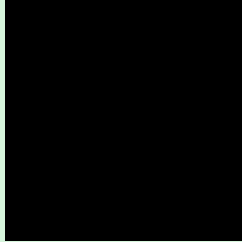
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

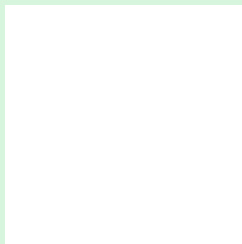
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3022, 84.7683, 80.2086

Background



This preview shows how black text looks on a background with the XYZ color 73.3022, 84.7683, 80.2086.

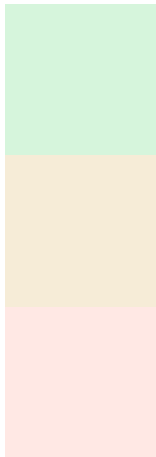


This preview shows how white text looks on a background with the XYZ color 73.3022, 84.7683,

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

73.3022, 84.7683, 80.2086

Protanopia

80.2672, 84.4900, 76.3676

Deuteranopia

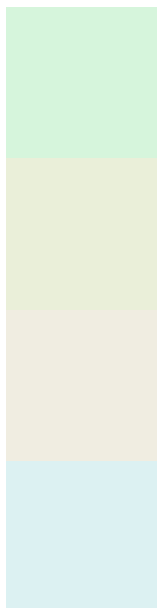
84.1002, 84.5747, 85.2908



Tritanopia

79.3479, 84.6410, 106.7630

Trichromacy



Original Color

73.3022, 84.7683, 80.2086

Protanomaly

77.3226, 84.2352, 77.8293

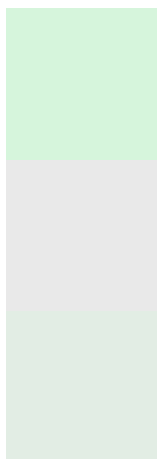
Deuteranomaly

79.8100, 84.5299, 83.3436

Tritanomaly

76.9975, 84.5370, 96.2635

Monochromacy



Original Color

73.3022, 84.7683, 80.2086

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.6518, 82.3386, 85.3044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3022, 84.7683, 80.2086 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(214, 245, 220)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 220)  
}
```

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(214, 245, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.3022, 84.7683, 80.2086 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(214, 245, 220) }
```


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

```
.border{ border-color:rgb(214, 245, 220) }
```

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

Here you see how a box with a 4 pixel rgb(214, 245, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3022, 84.7683, 80.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 220) }
```

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

```
.background{ background-color: rgb(214,  
245, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor