

Converting Colors

XYZ(73.3951, 84.5103, 80.6733)

Have a look what the booklet for
XYZ(73.3951, 84.5103, 80.6733)
contains.

XYZ(73.4262, 84.3689, 80.8215)	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(73.4262, 84.3689,
80.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F4DD
RGB	215, 244, 221
RGB Percent	84%, 96%, 87%
CMY	0.1569, 0.0431, 0.1333
CMYK	0.12, 0.00, 0.09, 0.04
HSL	132°, 57%, 90%
HSV	132°, 12%, 96%
XYZ	73.4262, 84.3689, 80.8215
YIQ	232.7070, -9.9010, -13.3010

Conversions

Conversions Part 2

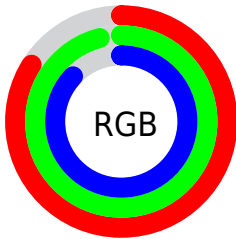
Format	Color
R _{YB}	215, 239, 244
Decimal	14152925
CIE Lab	93.61, -13.68, 7.90
CIE LCh	94, 15.792, 149.995
Yxy	84.3689, 0.3077, 0.3536
Android (android.graphics.Color)	4292343005 (0xFFD7F4DD)
YUV	232.7070, -5.7716, -15.5290
Hunter-Lab	91.8525, -18.0505, 12.1272

Details

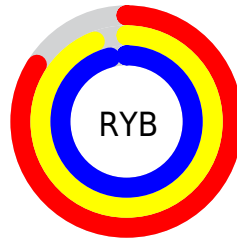
The XYZ color **73.4262, 84.3689, 80.8215** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.0443, 74.0092, 91.1174**, and the grayscale version is **77.2811, 81.3058, 88.5420**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3634, 46.1932, 42.9179** is the 20% darker color. If you saturate the color by 10%, you get **64.3572, 79.9770, 67.7047**, and if you desaturate by 10%, it is **83.8658, 89.4378, 95.5575**.

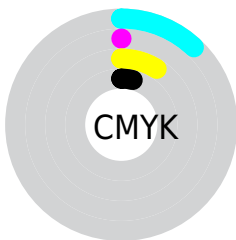
Distribution



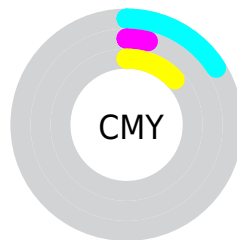
- Red (84%)
- Green (96%)
- Blue (87%)



- Red (84%)
- Yellow (94%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4262, 84.3689, 80.8215 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 73.4262, 84.3689, 80.8215 by changing the saturation by 10% instead.


 73.4262, 84.3689,
80.8215

 73.4262, 84.3689,
80.8215


461.5716,
509.5375, 517.4766

 54.6141, 63.3201,
59.8645

123.0819,
139.4911, 136.3419

 39.3255, 46.1002,
42.8848


154.6563,
174.3332, 171.7424

 27.1949, 32.3249,
29.4640


191.2156,
214.5419, 212.7944

 17.8570, 21.6098,
19.1835

233.1250,
260.5016, 259.9165

 10.9464, 13.5704,
11.6248

280.7499,
312.5965, 313.5272

 6.0979, 7.8225,
6.3693

334.4558,

 2.9459, 3.9816,

371.2112, 374.0451

2.9985

394.6079,
436.7301, 441.8888

■ 1.1252, 1.6633,
1.0939

■ 0.0461, 0.3997,
0.0000

■ 73.4262, 84.3689,
80.8215

■ 73.4262, 84.3689,
80.8215

■ 64.3572, 79.9770,
67.7047

■ 83.8658, 89.4378,
95.5575

■ 56.5945, 76.2230,
56.1465

■ 91.6423, 93.1846,
107.7641

■ 50.0792, 73.0800,
46.0904

■ 44.7451, 70.5154,
37.4746

■ 40.5196, 68.4930,
30.2329

■ 37.3221, 66.9727,
24.2939

■ 35.0605, 65.9089,
19.5797

■ 33.6254, 65.2467,
16.0039

■ 32.9384, 64.9390,
13.8705

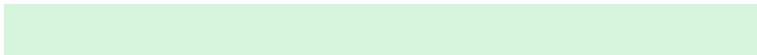
Harmonies

Analogous

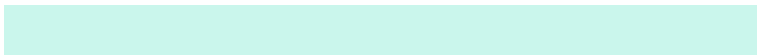
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2369, 84.3689, 73.3270



73.4262, 84.3689, 80.8215



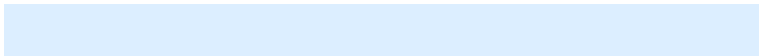
72.4147, 84.3689, 91.8614

Triad

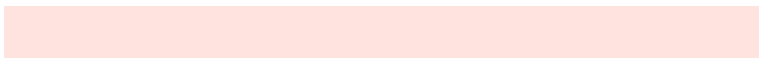
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4262, 84.3689, 80.8215



80.1894, 84.3689, 116.8708



87.3579, 84.3689, 80.8247

Complementary

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



73.4262, 84.3689, 80.8215



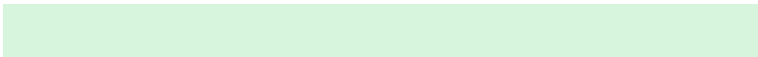
77.0443, 74.0092, 91.1174

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.



88.5031, 84.3689, 91.8654



73.4262, 84.3689, 80.8215



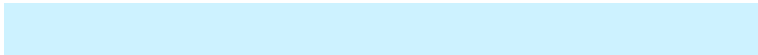
84.2776, 84.3689, 113.2867

Square

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



73.4262, 84.3689, 80.8215



76.2357, 84.3689, 113.2844



87.3571, 84.3689, 103.8678



84.2789, 84.3689, 73.3287

Rectangle

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



73.4262, 84.3689, 80.8215



72.8685, 84.3689, 99.9652



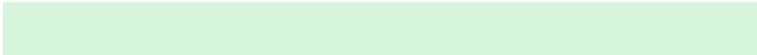
87.3571, 84.3689, 103.8678



87.9864, 84.3689, 84.2116

Sweetspot

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



73.4285, 84.3725, 80.8234



90.1211, 97.6064, 102.0130



79.9469, 87.8236, 77.0291



19.0972, 20.7984, 21.5648



0.0000, 0.0000, 0.0000



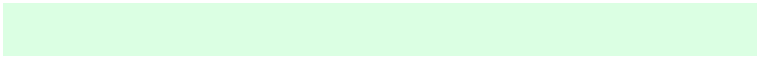
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4285, 84.3725, 80.8234



78.8855, 92.1553, 86.0757



75.4165, 85.1677, 91.2921



16.4224, 18.5281, 18.2428



17.9487, 35.3243, 7.7494



1.6132, 3.1189, 0.8691

Inverse Universe

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



77.0443, 74.0092, 91.1174



83.5334, 78.8331, 99.3073



75.0252, 73.2015, 80.4849



17.0582, 16.7061, 20.0528



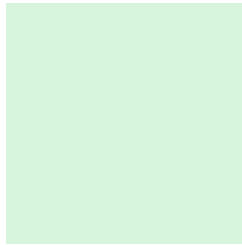
25.6030, 12.5846, 28.9474



2.2863, 1.1205, 2.7343

Previews

White Background



This preview shows how the XYZ color 73.4262, 84.3689, 80.8215 looks on a white background.

Color Contrast Check

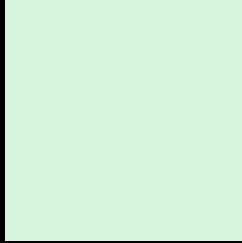
Large Text (above 18pt) WCAG AA × Fail

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 73.4262, 84.3689, 80.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

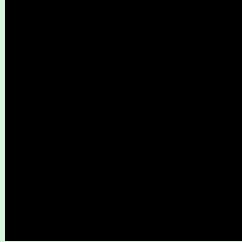
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

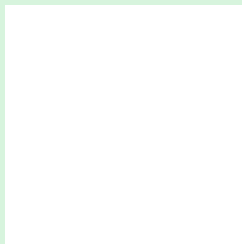
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4262, 84.3689, 80.8215

Background



This preview shows how black text looks on a background with the XYZ color 73.4262, 84.3689, 80.8215.



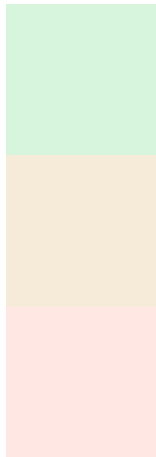
This preview shows how white text looks on a background with the XYZ color 73.4262, 84.3689,

80.8215.

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

73.4262, 84.3689, 80.8215

Protanopia

79.7592, 83.7870, 76.9345

Deuteranopia

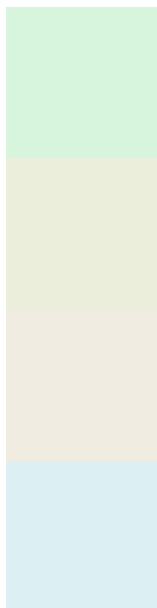
83.8195, 84.0133, 85.1972



Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

73.4262, 84.3689, 80.8215

Protanomaly

77.1611, 83.7035, 78.4192

Deuteranomaly

79.5212, 83.9524, 83.2474

Tritanomaly

76.8529, 84.0069, 96.9584

Monochromacy



Original Color

73.4262, 84.3689, 80.8215

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.7911, 82.3943, 86.0378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4262, 84.3689, 80.8215 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(215, 244, 221)` looks like.

```
.text, #text, p{  
    color:rgb(215, 244, 221)  
}
```

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(215, 244, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 244, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.4262, 84.3689, 80.8215 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(215, 244, 221) }
```


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

```
.border{ border-color:rgb(215, 244, 221) }
```

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

Here you see how a box with a 4 pixel rgb(215, 244, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 244, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 244, 221);  
box-shadow:4px 4px 4px 4px rgb(215, 244,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4262, 84.3689, 80.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 244, 221) }
```

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

```
.background{ background-color: rgb(215,  
244, 221) }
```

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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