

Converting Colors

XYZ(74.3501, 84.2432, 85.6116)

Have a look what the booklet for
XYZ(74.3501, 84.2432, 85.6116)
contains.

XYZ(74.3731, 84.3016, 85.7507)	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(74.3731, 84.3016,
85.7507)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F3E4
RGB	216, 243, 228
RGB Percent	85%, 95%, 89%
CMY	0.1529, 0.0470, 0.1059
CMYK	0.11, 0.00, 0.06, 0.05
HSL	147°, 53%, 90%
HSV	147°, 11%, 95%
XYZ	74.3731, 84.3016, 85.7507
YIQ	233.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

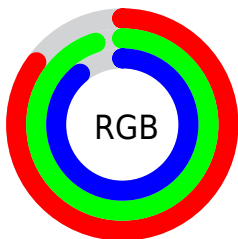
Format	Color
R _Y B	216, 235, 243
Decimal	14218212
CIE Lab	93.58, -11.59, 4.24
CIE LCh	94, 12.337, 159.909
Yxy	84.3016, 0.3043, 0.3449
Android (android.graphics.Color)	4292408292 (0xFFD8F3E4)
YUV	233.2170, -2.5720, -15.0993
Hunter-Lab	91.8159, -16.0885, 8.8977

Details

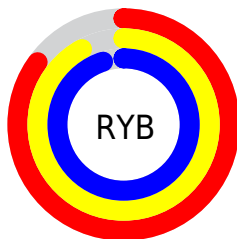
The XYZ color **74.3731, 84.3016, 85.7507** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9449, 73.9381, 85.8741**, and the grayscale version is **77.6424, 81.6858, 88.9559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0111, 46.1348, 46.3313** is the 20% darker color. If you saturate the color by 10%, you get **65.9164, 80.1526, 75.9504**, and if you desaturate by 10%, it is **84.0426, 89.0637, 96.3754**.

Distribution



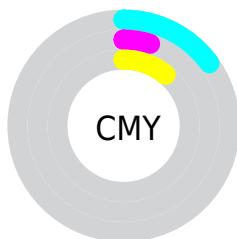
- Red (85%)
- Green (95%)
- Blue (89%)



- Red (85%)
- Yellow (92%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3731, 84.3016, 85.7507 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 74.3731, 84.3016, 85.7507 by changing the saturation by 10% instead.

74.3731, 84.3016,
85.7507

74.3731, 84.3016,
85.7507

464.7905,
509.3142, 534.3181

55.3918, 63.2645,
63.9081

124.4172,
139.3970, 143.3050

39.9506, 46.0552,
46.1306

156.2108,
174.2240, 179.8538

27.6841, 32.2894,
31.9995

193.0058,
214.4165, 222.1418

18.2269, 21.5826,
21.0963

235.1677,
260.3588, 270.5875

11.2137, 13.5505,
13.0025

283.0617,
312.4354, 325.6094

6.2791, 7.8087,
7.2995

337.0533,

3.0578, 3.9728,

371.0305, 387.6261

3.5688

397.5078,
436.5287, 457.0562

■ 1.1844, 1.6584,
1.3919

■ 0.0940, 0.3965,
0.1354

■ 74.3731, 84.3016,
85.7507

■ 74.3731, 84.3016,
85.7507

■ 65.9164, 80.1526,
75.9504

■ 84.0426, 89.0637,
96.3754

■ 58.6157, 76.5806,
66.9494

■ 91.3422, 92.5844,
107.6641

■ 52.4201, 73.5622,
58.7289

■ 47.2719, 71.0680,
51.2676

■ 43.1080, 69.0659,
44.5432

■ 39.8581, 67.5202,
38.5320

■ 37.4419, 66.3899,
33.2091

■ 35.7637, 65.6262,
28.5475

■ 34.7583, 65.1869,
24.9343

Harmonies

Analogous

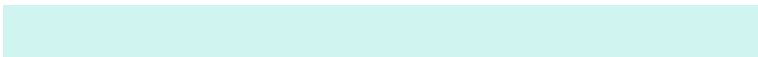
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1651, 84.3016, 78.6765



74.3731, 84.3016, 85.7507



74.0990, 84.3016, 94.9192

Triad

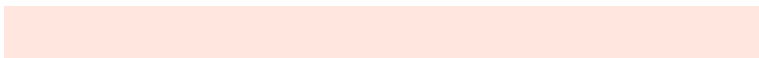
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3731, 84.3016, 85.7507



81.2114, 84.3016, 110.6671



85.0394, 84.3016, 80.7304

Complementary

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



74.3731, 84.3016, 85.7507



75.9449, 73.9381, 85.8741

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.



86.4716, 84.3016, 88.7306



74.3731, 84.3016, 85.7507



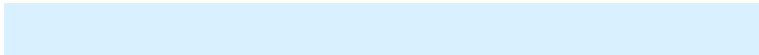
84.2221, 84.3016, 106.2855

Square

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



74.3731, 84.3016, 85.7507



77.9886, 84.3016, 109.7340



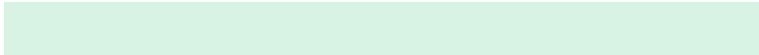
86.1685, 84.3016, 98.1066



82.3024, 84.3016, 75.9174

Rectangle

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



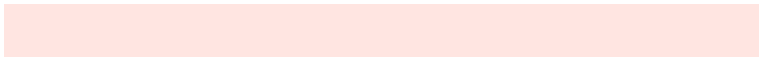
74.3731, 84.3016, 85.7507



74.8060, 84.3016, 101.0510



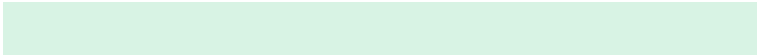
86.1685, 84.3016, 98.1066



85.6927, 84.3016, 83.1130

Sweetspot

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



74.3755, 84.3052, 85.7526



91.6144, 98.3071, 105.2065



77.5003, 86.1019, 77.5015



19.4173, 20.9472, 22.3103



0.0000, 0.0000, 0.0000



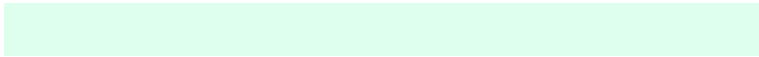
20.3446, 21.4041, 23.3091

Same Dimension

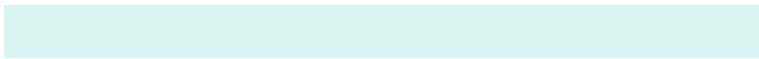
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3755, 84.3052, 85.7526



81.0632, 93.1159, 93.5011



76.2795, 85.0668, 95.7791



16.5882, 18.5944, 19.1158



19.1411, 35.8013, 14.0289



1.7332, 3.1669, 1.5009

Inverse Universe

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



75.9449, 73.9381, 85.8741



83.0896, 79.7302, 93.6577



74.1493, 73.2199, 76.4186



16.8846, 16.6367, 19.1388



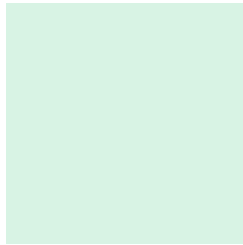
22.7559, 11.4458, 13.9548



2.0517, 1.0267, 1.4987

Previews

White Background



This preview shows how the XYZ color 74.3731, 84.3016, 85.7507 looks on a white background.

Color Contrast Check

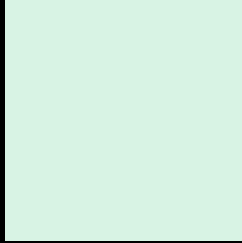
Large Text (above 18pt) WCAG AA × Fail

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 74.3731, 84.3016, 85.7507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

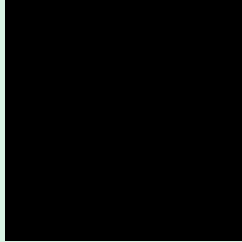
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

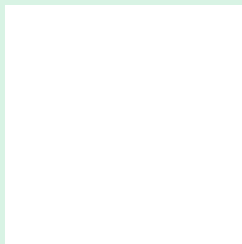
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3731, 84.3016, 85.7507

Background



This preview shows how black text looks on a background with the XYZ color 74.3731, 84.3016, 85.7507.



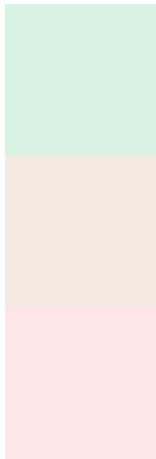
This preview shows how white text looks on a background with the XYZ color 74.3731, 84.3016,

85.7507.

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

74.3731, 84.3016, 85.7507

Protanopia

80.1250, 83.8532, 82.4832

Deuteranopia

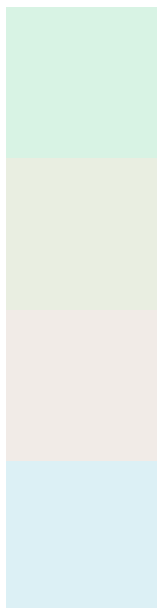
84.1023, 83.6798, 88.0631



Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

74.3731, 84.3016, 85.7507

Protanomaly

77.7694, 83.9090, 83.3313

Deuteranomaly

80.4078, 83.8870, 87.5552

Tritanomaly

77.1567, 84.1284, 98.5580

Monochromacy



Original Color

74.3731, 84.3016, 85.7507

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.3865, 82.6688, 87.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3731, 84.3016, 85.7507 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(216, 243, 228) looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 228)  
}
```

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(216, 243, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.3731, 84.3016, 85.7507 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(216, 243, 228) }
```


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

```
.border{ border-color:rgb(216, 243, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 243, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 243, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 243, 228);  
box-shadow:4px 4px 4px 4px rgb(216, 243,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3731, 84.3016, 85.7507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 228) }
```

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

```
.background{ background-color: rgb(216,  
243, 228) }
```

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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