

Converting Colors

XYZ(75.5451, 88.8507, 84.1436)

Have a look what the booklet for
XYZ(75.5451, 88.8507, 84.1436)
contains.

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Color

**XYZ(75.8416, 89.2032,
84.4548)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FCE1
RGB	213, 252, 225
RGB Percent	84%, 99%, 88%
CMY	0.1647, 0.0117, 0.1176
CMYK	0.15, 0.00, 0.11, 0.01
HSL	138°, 87%, 91%
HSV	138°, 15%, 99%
XYZ	75.8416, 89.2032, 84.4548
YIQ	237.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

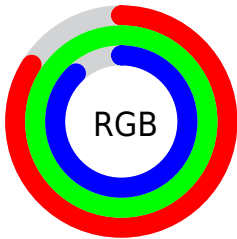
Format	Color
R_{YB}	213, 243, 252
Decimal	14023905
CIE Lab	95.67, -17.56, 8.77
CIE LCh	96, 19.623, 153.466
Yxy	89.2032, 0.3040, 0.3575
Android (android.graphics.Color)	4292213985 (0xFFD5FCE1)
YUV	237.2610, -6.0447, -21.2769
Hunter-Lab	94.4474, -21.9470, 13.0962

Details

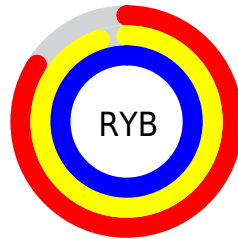
The XYZ color **75.8416, 89.2032, 84.4548** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.6705, 74.5774, 92.6380**, and the grayscale version is **80.7525, 84.9580, 92.5192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8714, 49.2016, 45.3729** is the 20% darker color. If you saturate the color by 10%, you get **66.8327, 84.8225, 72.2376**, and if you desaturate by 10%, it is **86.2345, 94.2742, 98.0102**.

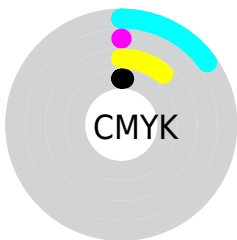
Distribution



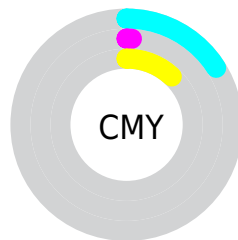
- Red (84%)
- Green (99%)
- Blue (88%)



- Red (84%)
- Yellow (95%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8416, 89.2032, 84.4548 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 75.8416, 89.2032, 84.4548 by changing the saturation by 10% instead.

75.8416, 89.2032,
84.4548

75.8416, 89.2032,
84.4548

469.7580,
525.4355, 529.9198

56.5992, 67.3200,
62.8434

126.4845,
146.2311, 141.4786

40.9224, 49.3447,
45.2744

158.6158,
182.1446, 177.7281

28.4459, 34.8930,
31.3291

195.7741,
223.5036, 219.6941

18.8042, 23.5805,
20.5890

238.3247,
270.6925, 267.7950

11.6321, 15.0227,
12.6356

286.6331,
324.0958, 322.4495

6.5641, 8.8353,
7.0503

341.0645,

3.2349, 4.6339,

384.0978, 384.0761

3.4147

401.9844,
451.0829, 453.0934

■ 1.2792, 2.0341,
1.3101

■ 0.1675, 0.6272,
0.0700

■ 75.8416, 89.2032,
84.4548

■ 75.8416, 89.2032,
84.4548

■ 66.8327, 84.8225,
72.2376

■ 86.2345, 94.2742,
98.0102

■ 59.1408, 81.0911,
61.3119

■ 94.1021, 98.1042,
108.5840

■ 52.7044, 77.9805,
51.6370

■ 47.4539, 75.4558,
43.1676

■ 43.3130, 73.4786,
35.8560

■ 40.1957, 72.0057,
29.6509

■ 38.0025, 70.9868,
24.4971

■ 36.6121, 70.3608,
20.3343

■ 36.1706, 70.1676,
18.7577

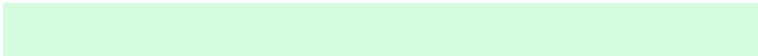
Harmonies

Analogous

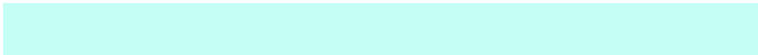
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1941, 89.2032, 74.3989



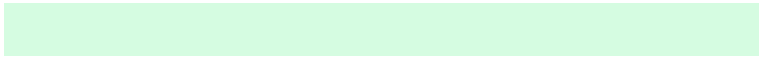
75.8416, 89.2032, 84.4548



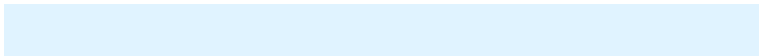
74.8495, 89.2032, 98.9337

Triad

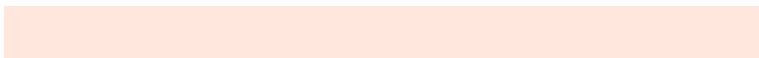
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8416, 89.2032, 84.4548



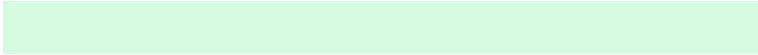
85.4134, 89.2032, 129.8897



93.7332, 89.2032, 81.6532

Complementary

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



75.8416, 89.2032, 84.4548



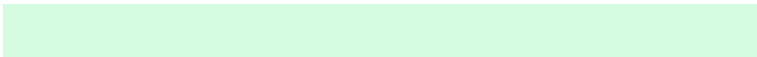
79.6705, 74.5774, 92.6380

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.



95.5629, 89.2032, 95.3427



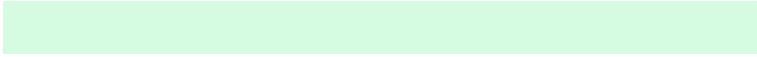
75.8416, 89.2032, 84.4548



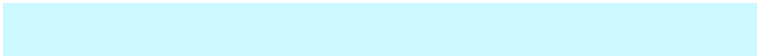
90.6329, 89.2032, 124.0684

Square

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



75.8416, 89.2032, 84.4548



80.2363, 89.2032, 126.1942



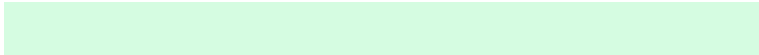
94.4051, 89.2032, 111.0076



89.5024, 89.2032, 72.9059

Rectangle

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



75.8416, 89.2032, 84.4548



75.6240, 89.2032, 109.4398



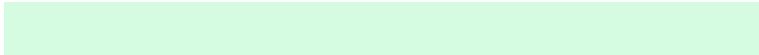
94.4051, 89.2032, 111.0076



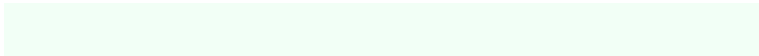
94.6574, 89.2032, 85.7744

Sweetspot

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



75.8441, 89.2070, 84.4568



89.1249, 97.1060, 101.3738



82.8612, 93.0070, 76.5369



18.9045, 20.7008, 21.4779



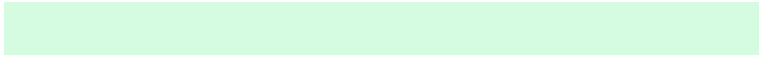
0.0000, 0.0000, 0.0000



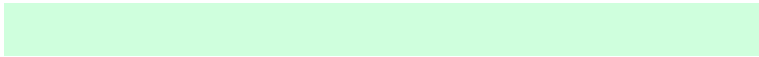
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8441, 89.2070, 84.4568



74.4786, 89.9655, 82.1655



78.6134, 90.3147, 99.0401



17.2373, 19.3972, 19.4500



18.8983, 36.5723, 10.0737



1.7955, 3.4053, 1.1711

Inverse Universe

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



79.6705, 74.5774, 92.6380



79.1860, 71.9647, 92.2280



76.9664, 73.4958, 78.3983



17.7523, 17.4283, 20.5515



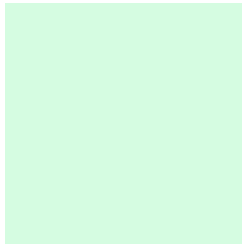
24.9845, 12.4095, 22.4247



2.3614, 1.1683, 2.3265

Previews

White Background



This preview shows how the XYZ color 75.8416, 89.2032, 84.4548 looks on a white background.

Color Contrast Check

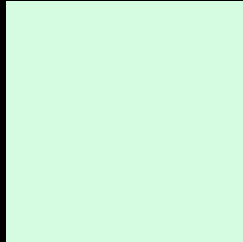
Large Text (above 18pt) WCAG AA × Fail

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 75.8416, 89.2032, 84.4548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

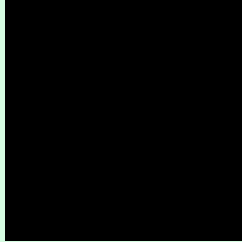
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

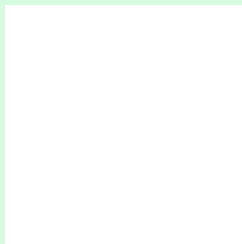
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8416, 89.2032, 84.4548

Background



This preview shows how black text looks on a background with the XYZ color 75.8416, 89.2032, 84.4548.



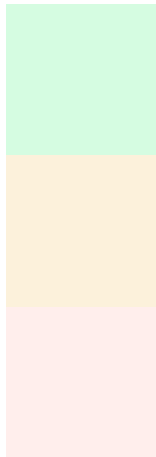
This preview shows how white text looks on a background with the XYZ color 75.8416, 89.2032,

84.4548.

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

75.8416, 89.2032, 84.4548

Protanopia

84.3864, 88.7205, 79.6950

Deuteranopia

86.9549, 88.4652, 91.8494



Tritanopia

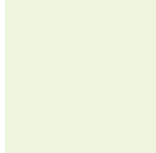
83.3557, 88.9103, 107.3758

Trichromacy



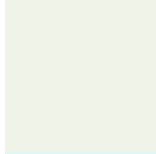
Original Color

75.8416, 89.2032, 84.4548



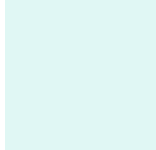
Protanomaly

80.9634, 88.7024, 81.2607



Deuteranomaly

82.5513, 88.4526, 89.0661



Tritanomaly

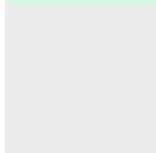
80.3304, 88.9005, 98.5136

Monochromacy



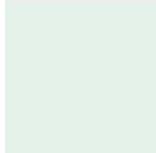
Original Color

75.8416, 89.2032, 84.4548



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.4550, 85.8814, 89.5325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8416, 89.2032, 84.4548 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(213, 252, 225)` looks like.

```
.text, #text, p{  
    color:rgb(213, 252, 225)  
}
```

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(213, 252, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 252, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.8416, 89.2032, 84.4548 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(213, 252, 225) }
```


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

```
.border{ border-color:rgb(213, 252, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 252, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 252, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 252, 225);  
box-shadow:4px 4px 4px 4px rgb(213, 252,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8416, 89.2032, 84.4548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 252, 225) }
```

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

```
.background{ background-color: rgb(213,  
252, 225) }
```

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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