

Converting Colors

XYZ(75.6912, 84.8971, 82.8224)

Have a look what the booklet for
XYZ(75.6912, 84.8971, 82.8224)
contains.

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Color

**XYZ(75.9366, 85.1710,
82.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF3E0
RGB	223, 243, 224
RGB Percent	87%, 95%, 88%
CMY	0.1255, 0.0470, 0.1216
CMYK	0.08, 0.00, 0.08, 0.05
HSL	123°, 45%, 91%
HSV	123°, 8%, 95%
XYZ	75.9366, 85.1710, 82.9584
YIQ	234.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

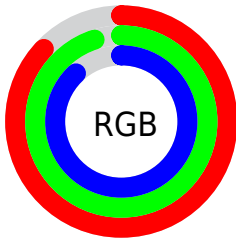
Format	Color
R _Y B	223, 242, 243
Decimal	14676960
CIE Lab	93.96, -10.00, 6.91
CIE LCh	94, 12.155, 145.342
Yxy	85.1710, 0.3111, 0.3490
Android (android.graphics.Color)	4292867040 (0xFFDFF3E0)
YUV	234.8540, -5.3510, -10.3960
Hunter-Lab	92.2881, -14.6307, 11.3055

Details

The XYZ color **75.9366, 85.1710, 82.9584** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.3800, 78.2430, 94.9272**, and the grayscale version is **78.8992, 83.0081, 90.3958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0802, 46.7301, 44.3908** is the 20% darker color. If you saturate the color by 10%, you get **66.0590, 80.4189, 67.2475**, and if you desaturate by 10%, it is **87.3186, 90.6544, 100.9622**.

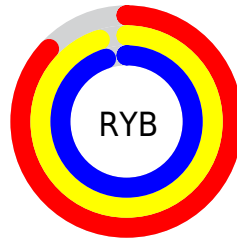
Distribution



Red (87%)

Green (95%)

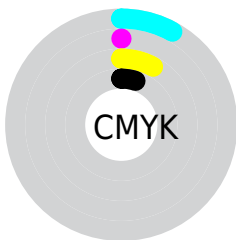
Blue (88%)



Red (87%)

Yellow (95%)

Blue (95%)

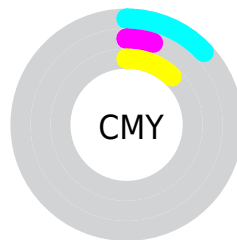


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (13%)

Magenta (5%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9366, 85.1710, 82.9584 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 75.9366, 85.1710, 82.9584 by changing the saturation by 10% instead.

75.9366, 85.1710,
82.9584

75.9366, 85.1710,
82.9584

470.0784,
512.1937, 524.8152

56.6774, 63.9827,
61.6154

126.6181,
140.6121, 139.3659

40.9854, 46.6366,
44.2882

158.7711,
175.6336, 175.2675

28.4953, 32.7485,
30.5583

195.9528,
216.0350, 216.8591

18.8417, 21.9339,
20.0071

238.5285,
262.2007, 264.5592

11.6593, 13.8083,
12.2161

286.8635,
314.5150, 318.7863

6.5827, 7.9875,
6.7667

341.3233,

3.2465, 4.0869,

373.3623, 379.9590

3.2404

402.2731,
439.1271, 448.4958

■ 1.2854, 1.7223,
1.2187

■ 0.1723, 0.4380,
0.0000

■ 75.9366, 85.1710,
82.9584

■ 75.9366, 85.1710,
82.9584

■ 66.0590, 80.4189,
67.2475

■ 87.3186, 90.6544,
100.9622

■ 57.6161, 76.3568,
53.7322

■ 91.3422, 92.5845,
107.6641

■ 50.5434, 72.9560,
42.3164

■ 44.7685, 70.1815,
32.8949

■ 40.2126, 67.9951,
25.3532

■ 36.7880, 66.3542,
19.5653

■ 34.3957, 65.2109,
15.3899

■ 32.9191, 64.5085,
12.6636

■ 32.2013, 64.1703,
11.1883

Harmonies

Analogous

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



78.3158, 85.1710, 77.5319



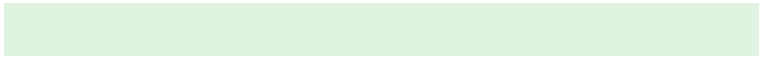
75.9366, 85.1710, 82.9584



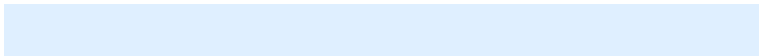
74.9020, 85.1710, 91.2958

Triad

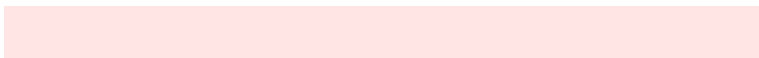
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9366, 85.1710, 82.9584



80.4478, 85.1710, 111.6756



86.7129, 85.1710, 85.3095

Complementary

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



75.9366, 85.1710, 82.9584



79.3800, 78.2430, 94.9272

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.



87.3203, 85.1710, 94.1928



75.9366, 85.1710, 82.9584



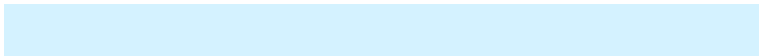
83.6477, 85.1710, 109.8098

Square

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



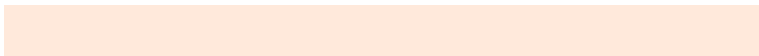
75.9366, 85.1710, 82.9584



77.4620, 85.1710, 108.1966



86.1845, 85.1710, 103.2548



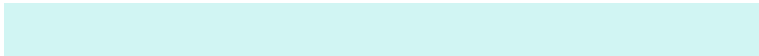
84.5463, 85.1710, 78.8245

Rectangle

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



75.9366, 85.1710, 82.9584



75.0934, 85.1710, 97.5368



86.1845, 85.1710, 103.2548



87.1086, 85.1710, 88.0968

Sweetspot

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



75.9390, 85.1746, 82.9603



92.4282, 98.7374, 104.7567



81.9915, 88.3105, 82.5374



19.8109, 21.1471, 22.4657



0.0000, 0.0000, 0.0000



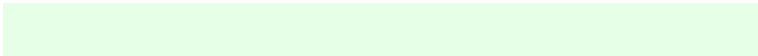
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9390, 85.1746, 82.9603



82.6249, 94.0172, 89.2272



77.3360, 85.7335, 90.3169



16.3158, 18.4855, 17.6813



17.6415, 35.2014, 6.1321



1.5621, 3.0985, 0.6000

Inverse Universe

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



79.3800, 78.2430, 94.9272



87.2432, 84.7139, 105.2883



77.9181, 77.6583, 87.2292



17.1757, 16.7531, 20.6720



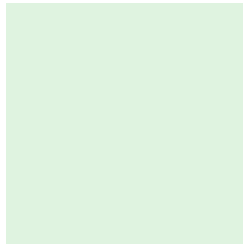
28.2062, 13.6259, 42.6558



2.4899, 1.2019, 3.8060

Previews

White Background



This preview shows how the XYZ color 75.9366, 85.1710, 82.9584 looks on a white background.

Color Contrast Check

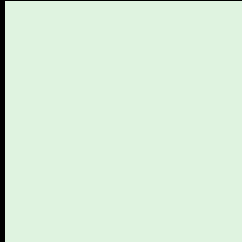
Large Text (above 18pt) WCAG AA × Fail

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 75.9366, 85.1710, 82.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

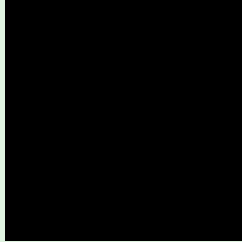
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

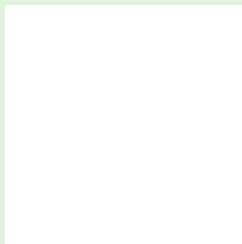
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9366, 85.1710, 82.9584

Background



This preview shows how black text looks on a background with the XYZ color 75.9366, 85.1710, 82.9584.



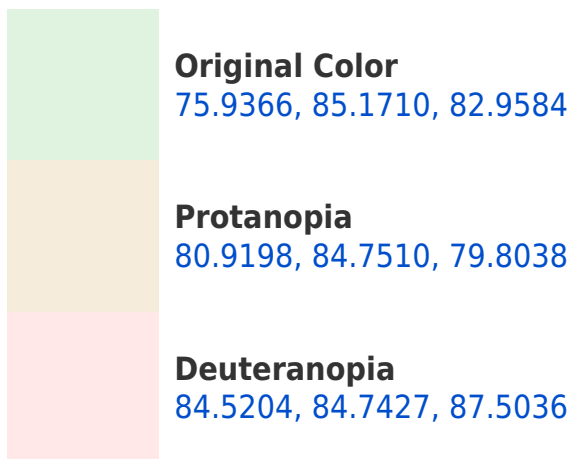
This preview shows how white text looks on a background with the XYZ color 75.9366, 85.1710,

82.9584.

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

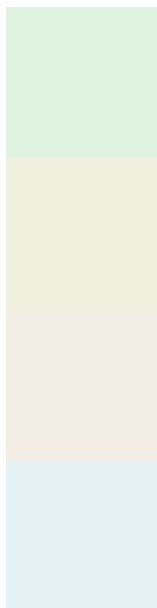




Tritanopia

80.9376, 85.0271, 106.7537

Trichromacy



Original Color

75.9366, 85.1710, 82.9584

Protanomaly

79.1775, 85.1306, 80.6654

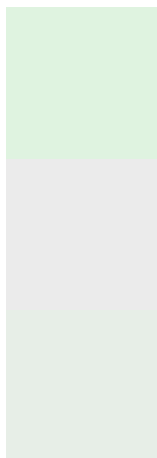
Deuteranomaly

80.9612, 84.6470, 85.4702

Tritanomaly

79.1678, 85.1827, 97.8573

Monochromacy



Original Color

75.9366, 85.1710, 82.9584

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9533, 83.9075, 87.6885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9366, 85.1710, 82.9584 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(223, 243, 224)` looks like.

```
.text, #text, p{  
    color:rgb(223, 243, 224)  
}
```

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(223, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 243, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.9366, 85.1710, 82.9584 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(223, 243, 224) }
```


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

```
.border{ border-color:rgb(223, 243, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 243, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 243,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9366, 85.1710, 82.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 243, 224) }
```

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

```
.background{ background-color: rgb(223,  
243, 224) }
```

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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