

Converting Colors

XYZ(75.5137, 84.7130, 78.7401)

Have a look what the booklet for
XYZ(75.5137, 84.7130, 78.7401)
contains.

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Color

**XYZ(75.4584, 84.5738,
78.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F2DA
RGB	225, 242, 218
RGB Percent	88%, 95%, 85%
CMY	0.1176, 0.0510, 0.1451
CMYK	0.07, 0.00, 0.10, 0.05
HSL	103°, 48%, 90%
HSV	103°, 10%, 95%
XYZ	75.4584, 84.5738, 78.6770
YIQ	234.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

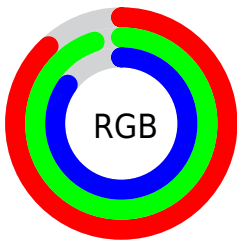
Format	Color
RYB	218, 242, 235
Decimal	14807770
CIELab	93.70, -9.86, 9.67
CIELCh	94, 13.811, 135.580
Yxy	84.5738, 0.3161, 0.3543
Android (android.graphics.Color)	4292997850 (0xFFE1F2DA)
YUV	234.1810, -7.9772, -8.0517
Hunter-Lab	91.9640, -14.4740, 13.6511

Details

The XYZ color **75.4584, 84.5738, 78.6770** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3627, 74.2181, 94.3623**, and the grayscale version is **78.4057, 82.4889, 89.8304**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7473, 46.3082, 41.4411** is the 20% darker color. If you saturate the color by 10%, you get **67.4416, 80.7830, 62.9602**, and if you desaturate by 10%, it is **84.4790, 88.8335, 96.8580**.

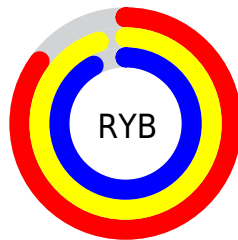
Distribution



Red (88%)

Green (95%)

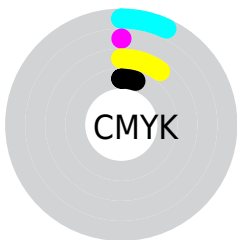
Blue (85%)



Red (85%)

Yellow (95%)

Blue (92%)

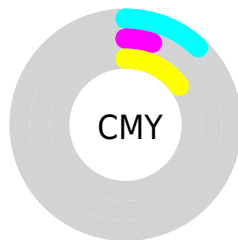


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (12%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4584, 84.5738, 78.6770 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 75.4584, 84.5738, 78.6770 by changing the saturation by 10% instead.

75.4584, 84.5738,
78.6770

75.4584, 84.5738,
78.6770

468.4646,
510.2167, 510.0517

56.2840, 63.4893,
58.1105

125.9455,
139.7776, 133.2986

40.6686, 46.2371,
41.4822

157.9889,
174.6656, 168.1908

28.2467, 32.4330,
28.3735

195.0526,
214.9236, 208.6953

18.6531, 21.6924,
18.3659

237.5021,
260.9359, 255.2307

11.5224, 13.6311,
11.0409

285.7027,
313.0870, 308.2155

6.4893, 7.8645,
5.9798

340.0198,

3.1883, 4.0084,

371.7612, 368.0682

2.7642

400.8186,
437.3430, 435.2074

■ 1.2541, 1.6783,
0.9755

■ 0.1484, 0.4095,
0.0000

■ 75.4584, 84.5738,
78.6770

■ 75.4584, 84.5738,
78.6770

■ 67.4416, 80.7830,
62.9602

■ 84.4790, 88.8335,
96.8580

■ 60.3858, 77.4341,
49.5961

■ 91.0438, 91.9876,
107.5646

■ 54.2556, 74.5137,
38.4732

■ 49.0103, 72.0036,
29.4684

■ 44.6062, 69.8840,
22.4470

■ 40.9955, 68.1337,
17.2588

■ 38.1249, 66.7290,
13.7320

■ 35.9334, 65.6427,
11.6624

■ 34.3321, 64.8366,
10.7109

Harmonies

Analogous

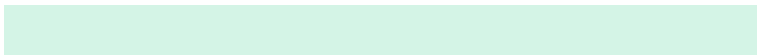
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5079, 84.5738, 73.9902



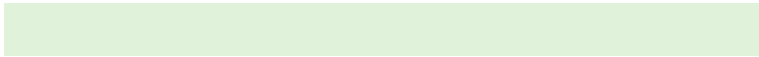
75.4584, 84.5738, 78.6770



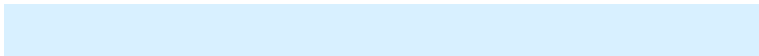
73.7544, 84.5738, 87.1538

Triad

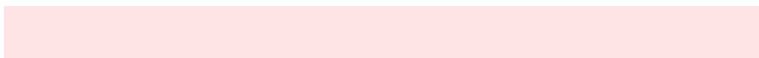
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4584, 84.5738, 78.6770



78.6435, 84.5738, 113.0373



87.3623, 84.5738, 86.7742

Complementary

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



75.4584, 84.5738, 78.6770



75.3627, 74.2181, 94.3623

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.



87.4013, 84.5738, 97.2019



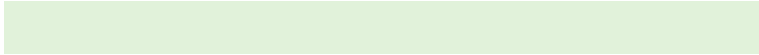
75.4584, 84.5738, 78.6770



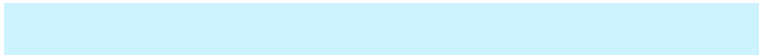
82.2915, 84.5738, 112.9162

Square

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



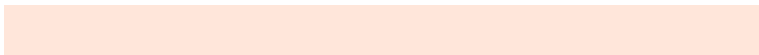
75.4584, 84.5738, 78.6770



75.5551, 84.5738, 107.2584



85.5212, 84.5738, 106.9391



85.4162, 84.5738, 78.4173

Rectangle

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



75.4584, 84.5738, 78.6770



73.5765, 84.5738, 94.0618



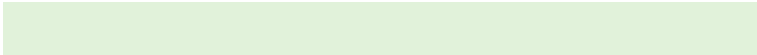
85.5212, 84.5738, 106.9391



87.6008, 84.5738, 90.1390

Sweetspot

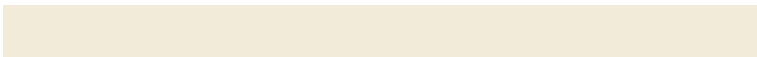
The Sweet Spot groups the original color and five complimentary colors.



75.4607, 84.5774, 78.6788



91.8768, 98.5037, 102.4498



78.9274, 83.2451, 78.2390



19.4877, 21.0000, 21.5689



0.0000, 0.0000, 0.0000



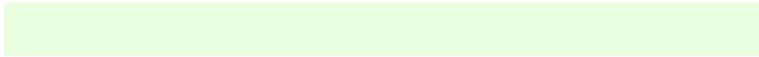
20.3446, 21.4041, 23.3091

Same Dimension

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



75.4607, 84.5774, 78.6788



82.9787, 94.3016, 84.6344



73.9605, 83.7304, 81.9361



15.9990, 17.8796, 16.7576



18.5542, 34.8866, 5.7559



1.6389, 2.9514, 0.4833

Inverse Universe

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



75.3627, 74.2181, 94.3623



82.8463, 80.3533, 105.7510



77.0078, 75.1484, 90.7241



15.9792, 15.7865, 19.9265



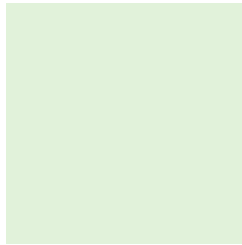
17.8253, 8.1947, 45.7701



1.5813, 0.7324, 3.8122

Previews

White Background



This preview shows how the XYZ color 75.4584, 84.5738, 78.6770 looks on a white background.

Color Contrast Check

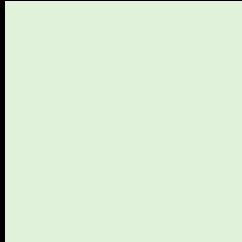
Large Text (above 18pt) WCAG AA × Fail

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 75.4584, 84.5738, 78.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

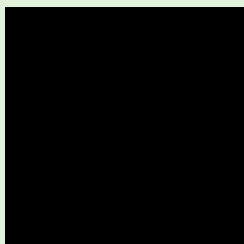
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

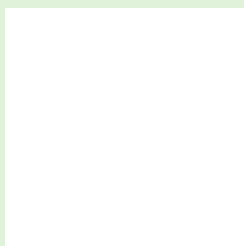
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4584, 84.5738, 78.6770

Background



This preview shows how black text looks on a background with the XYZ color 75.4584, 84.5738, 78.6770.

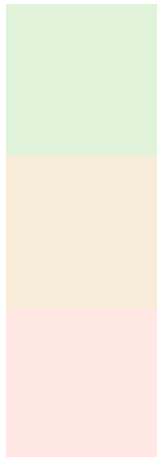


This preview shows how white text looks on a background with the XYZ color 75.4584, 84.5738,

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

75.4584, 84.5738, 78.6770

Protanopia

80.2672, 84.4900, 76.3676

Deuteranopia

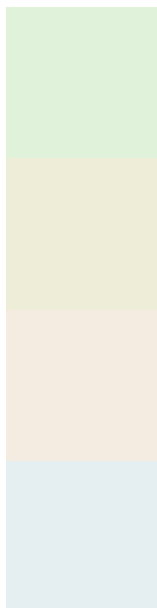
83.9617, 84.5193, 84.5616



Tritanopia

81.2892, 84.7773, 106.6870

Trichromacy



Original Color

75.4584, 84.5738, 78.6770

Protanomaly

78.2291, 84.2841, 77.1111

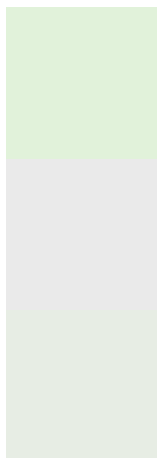
Deuteranomaly

80.7582, 84.6058, 82.5952

Tritanomaly

79.2066, 84.8018, 96.1982

Monochromacy



Original Color

75.4584, 84.5738, 78.6770

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2428, 83.1587, 85.3789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4584, 84.5738, 78.6770 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(225, 242, 218)` looks like.

```
.text, #text, p{  
    color:rgb(225, 242, 218)  
}
```

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(225, 242, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 242, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.4584, 84.5738, 78.6770 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(225, 242, 218) }
```


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

```
.border{ border-color:rgb(225, 242, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 242, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 242, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 242, 218);  
box-shadow:4px 4px 4px 4px rgb(225, 242,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4584, 84.5738, 78.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 242, 218) }
```

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

```
.background{ background-color: rgb(225,  
242, 218) }
```

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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