

Converting Colors

XYZ(76.0277, 82.0985, 85.0864)

Have a look what the booklet for
XYZ(76.0277, 82.0985, 85.0864)
contains.

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Color

**XYZ(75.9940, 82.0863,
85.2377)**

Conversions

Conversions Part 1

Format	Color
Hex	E4ECE4
RGB	228, 236, 228
RGB Percent	89%, 93%, 89%
CMY	0.1059, 0.0745, 0.1059
CMYK	0.03, 0.00, 0.03, 0.07
HSL	120°, 17%, 91%
HSV	120°, 3%, 93%
XYZ	75.9940, 82.0863, 85.2377
YIQ	232.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

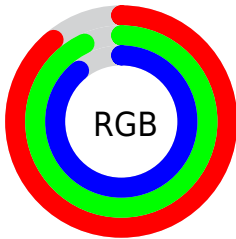
Format	Color
R _Y B	228, 236, 236
Decimal	15002852
CIE Lab	92.61, -4.09, 2.94
CIE LCh	93, 5.035, 144.308
Yxy	82.0863, 0.3123, 0.3374
Android (android.graphics.Color)	4293192932 (0xFFE4ECE4)
YUV	232.6960, -2.3151, -4.1184
Hunter-Lab	90.6015, -8.8318, 7.6411

Details

The XYZ color **75.9940, 82.0863, 85.2377** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.4788, 79.3779, 90.5989**, and the grayscale version is **77.2436, 81.2663, 88.4989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0977, 44.5439, 45.9669** is the 20% darker color. If you saturate the color by 10%, you get **65.9563, 77.2671, 68.8171**, and if you desaturate by 10%, it is **87.5056, 87.6183, 104.0653**.

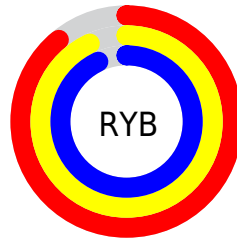
Distribution



Red (89%)

Green (93%)

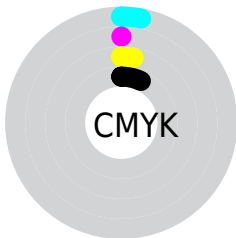
Blue (89%)



Red (89%)

Yellow (93%)

Blue (93%)

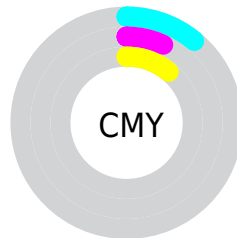


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (7%)



Cyan (11%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9940, 82.0863, 85.2377 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 75.9940, 82.0863, 85.2377 by changing the saturation by 10% instead.

75.9940, 82.0863,
85.2377

75.9940, 82.0863,
85.2377

470.2719,
501.9363, 532.5794

56.7246, 61.4367,
63.4865

126.6988,
136.2950, 142.5823

41.0235, 44.5777,
45.7914

158.8650,
170.6229, 179.0129

28.5252, 31.1249,
31.7338

196.0608,
210.2790, 221.1736

18.8644, 20.6940,
20.8951

238.6516,
255.6477, 269.4831

11.6758, 12.9005,
12.8568

287.0027,
307.1134, 324.3599

6.5939, 7.3601,
7.2005

341.4796,

3.2535, 3.6883,

365.0604, 386.2225

3.5074

402.4475,
429.8733, 455.4895

■ 1.2892, 1.5008,
1.3592

■ 0.1751, 0.2893,
0.1096

■ 75.9940, 82.0863,
85.2377

■ 75.9940, 82.0863,
85.2377

■ 65.9563, 77.2671,
68.8171

■ 87.5056, 87.6183,
104.0653

■ 57.3265, 73.1218,
54.7013

■ 89.2870, 88.4740,
106.9790

■ 50.0438, 69.6235,
42.7890

■ 44.0402, 66.7397,
32.9690

■ 39.2419, 64.4348,
25.1205

■ 35.5675, 62.6698,
19.1104

■ 32.9257, 61.4008,
14.7892

■ 31.2108, 60.5771,
11.9842

■ 30.2945, 60.1369,
10.4855

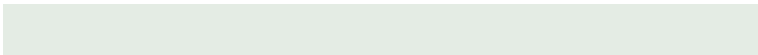
Harmonies

Analogous

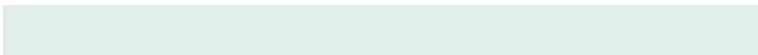
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9890, 82.0863, 82.9678



75.9940, 82.0863, 85.2377



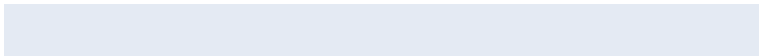
75.5425, 82.0863, 88.6649

Triad

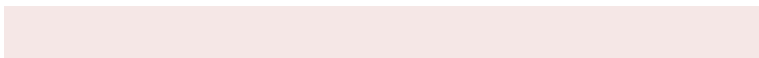
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9940, 82.0863, 85.2377



77.7712, 82.0863, 96.7451



80.3372, 82.0863, 86.4432

Complementary

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



75.9940, 82.0863, 85.2377



77.4788, 79.3779, 90.5989

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.



80.5522, 82.0863, 90.0949



75.9940, 82.0863, 85.2377



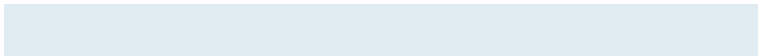
79.0613, 82.0863, 96.1102

Square

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



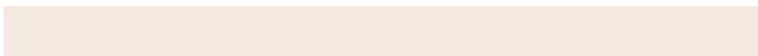
75.9940, 82.0863, 85.2377



76.5612, 82.0863, 95.3617



80.0828, 82.0863, 93.6503



79.4984, 82.0863, 83.6500

Rectangle

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



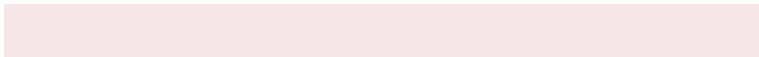
75.9940, 82.0863, 85.2377



75.6068, 82.0863, 91.1715



80.0828, 82.0863, 93.6503



80.4852, 82.0863, 87.6082

Sweetspot

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



75.9963, 82.0898, 85.2395



93.7102, 99.3564, 106.7084



78.5563, 83.3526, 85.3483



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

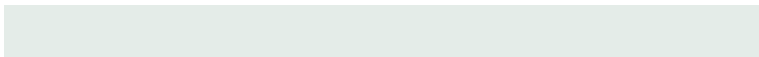
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9963, 82.0898, 85.2395



89.7974, 97.4769, 100.3083



76.5395, 82.3071, 88.1001



15.9000, 17.3577, 17.6772



16.5341, 33.0681, 5.5113



1.2983, 2.5966, 0.4328

Inverse Universe

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



77.4788, 79.3779, 90.5989



91.8819, 93.6638, 107.8440



76.9227, 79.1555, 87.6702



16.3371, 16.5582, 19.2572



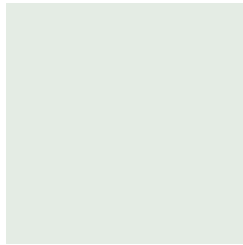
27.4129, 13.1678, 44.8398



2.1526, 1.0340, 3.5210

Previews

White Background



This preview shows how the XYZ color 75.9940, 82.0863, 85.2377 looks on a white background.

Color Contrast Check

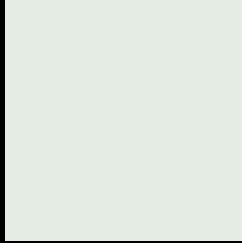
Large Text (above 18pt) WCAG AA × Fail

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 75.9940, 82.0863, 85.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

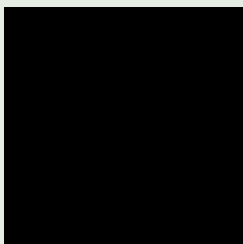
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

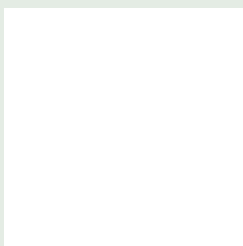
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9940, 82.0863, 85.2377

Background



This preview shows how black text looks on a background with the XYZ color 75.9940, 82.0863, 85.2377.



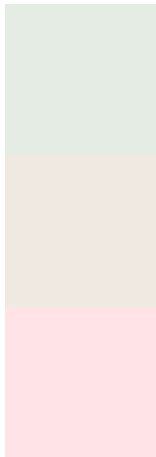
This preview shows how white text looks on a background with the XYZ color 75.9940, 82.0863,

85.2377.

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

75.9940, 82.0863, 85.2377

Protanopia

78.4630, 82.1195, 83.6667

Deuteranopia

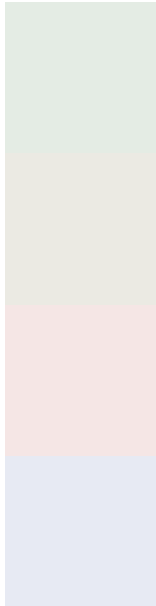
82.9920, 81.9113, 86.2992



Tritanopia

79.8302, 82.3987, 102.9638

Trichromacy



Original Color

75.9940, 82.0863, 85.2377

Protanomaly

77.5489, 82.0539, 84.4238

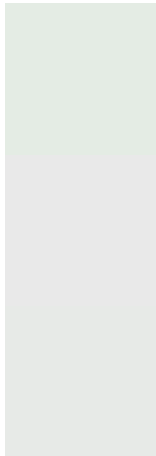
Deuteranomaly

80.0959, 81.6632, 85.6698

Tritanomaly

78.5555, 82.3056, 96.5403

Monochromacy



Original Color

75.9940, 82.0863, 85.2377

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8016, 81.6041, 87.3046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9940, 82.0863, 85.2377 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(228, 236, 228) looks like.

```
.text, #text, p{  
    color:rgb(228, 236, 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(228, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 236, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.9940, 82.0863, 85.2377 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(228, 236, 228) }
```


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

```
.border{ border-color:rgb(228, 236, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 236, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 236, 228);  
box-shadow:4px 4px 4px 4px rgb(228, 236,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9940, 82.0863, 85.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 236, 228) }
```

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

```
.background{ background-color: rgb(228,  
236, 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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