

Converting Colors

XYZ(74.9929, 81.5680, 85.5191)

Have a look what the booklet for
XYZ(74.9929, 81.5680, 85.5191)
contains.

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Color

**XYZ(75.0504, 81.5999,
85.1936)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ECE4
RGB	225, 236, 228
RGB Percent	88%, 93%, 89%
CMY	0.1176, 0.0745, 0.1059
CMYK	0.05, 0.00, 0.03, 0.07
HSL	136°, 22%, 90%
HSV	136°, 5%, 93%
XYZ	75.0504, 81.5999, 85.1936
YIQ	231.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

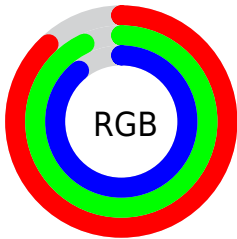
Format	Color
R _Y B	225, 234, 236
Decimal	14806244
CIE Lab	92.40, -5.09, 2.60
CIE LCh	92, 5.716, 152.960
Yxy	81.5999, 0.3103, 0.3374
Android (android.graphics.Color)	4292996324 (0xFFE1ECE4)
YUV	231.7990, -1.8729, -5.9627
Hunter-Lab	90.3327, -9.7804, 7.3159

Details

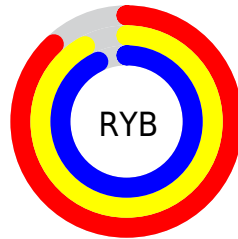
The XYZ color **75.0504, 81.5999, 85.1936** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2283, 77.5686, 88.0493**, and the grayscale version is **76.5691, 80.5567, 87.7262**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4416, 44.2057, 45.9362** is the 20% darker color. If you saturate the color by 10%, you get **65.9297, 77.1621, 72.9390**, and if you desaturate by 10%, it is **85.4293, 86.6636, 98.7456**.

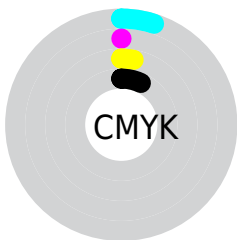
Distribution



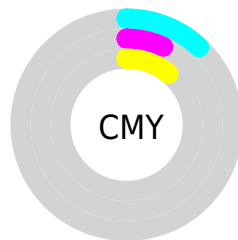
- Red (88%)
- Green (93%)
- Blue (89%)



- Red (88%)
- Yellow (92%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0504, 81.5999, 85.1936 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 75.0504, 81.5999, 85.1936 by changing the saturation by 10% instead.

■ 75.0504, 81.5999,
85.1936

■ 75.0504, 81.5999,
85.1936

467.0853,
500.3084, 532.4298

■ 55.9485, 61.0358,
63.4503

125.3712,
135.6128, 142.5202

■ 40.3985, 44.2541,
45.7622

157.3209,
169.8304, 178.9406

■ 28.0350, 30.8703,
31.7109

194.2838,
209.3679, 221.0904

■ 18.4926, 20.5001,
20.8778

236.6254,
254.6097, 269.3881

■ 11.4060, 12.7591,
12.8443

284.7110,
305.9403, 324.2524

■ 6.4099, 7.2629,
7.1920

338.9059,

■ 3.1389, 3.6270,

363.7440, 386.1018

3.5022

399.5756,
428.4052, 455.3547

■ 1.2277, 1.4672,
1.3564

■ 0.1280, 0.2655,
0.1074

■ 75.0504, 81.5999,
85.1936

■ 75.0504, 81.5999,
85.1936

■ 65.9297, 77.1621,
72.9390

■ 85.4293, 86.6636,
98.7456

■ 58.0119, 73.3157,
61.9385

■ 89.2870, 88.4740,
106.9790

■ 51.2480, 70.0383,
52.1538

■ 45.5825, 67.3024,
43.5430

■ 40.9557, 65.0779,
36.0616

■ 37.3016, 63.3320,
29.6623

■ 34.5466, 62.0277,
24.2945

■ 32.6058, 61.1224,
19.9032

■ 31.3766, 60.5644,
16.4284

Harmonies

Analogous

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



76.0199, 81.5999, 82.1823



75.0504, 81.5999, 85.1936



74.7501, 81.5999, 89.2701

Triad

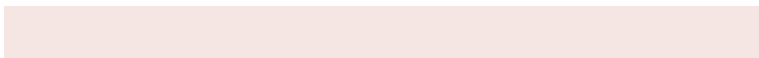
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0504, 81.5999, 85.1936



77.7053, 81.5999, 97.2410



79.9712, 81.5999, 84.4865

Complementary

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



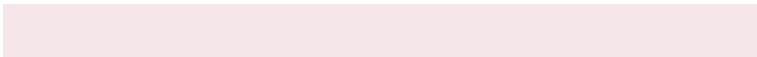
75.0504, 81.5999, 85.1936



76.2283, 77.5686, 88.0493

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.



80.4359, 81.5999, 88.4281



75.0504, 81.5999, 85.1936



79.1173, 81.5999, 95.8656

Square

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



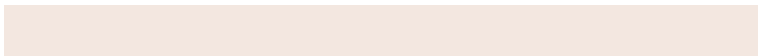
75.0504, 81.5999, 85.1936



76.2714, 81.5999, 96.3092



80.1214, 81.5999, 92.6063



78.8595, 81.5999, 81.7833

Rectangle

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



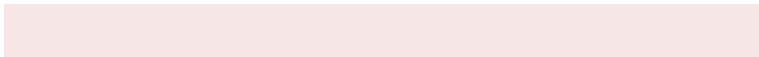
75.0504, 81.5999, 85.1936



74.9666, 81.5999, 92.0666



80.1214, 81.5999, 92.6063



80.2089, 81.5999, 85.7061

Sweetspot

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



75.0527, 81.6034, 85.1954



93.8208, 99.4007, 107.2912



77.2153, 82.7660, 83.1411



20.0945, 21.2822, 22.9817



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.



75.0527, 81.6034, 85.1954



87.9030, 96.5166, 99.4823



75.8195, 81.9101, 89.2333



15.6013, 17.2044, 17.6322



17.0961, 33.2929, 8.4711



1.3817, 2.6300, 0.8720

Inverse Universe

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



76.2283, 77.5686, 88.0493



89.6974, 90.3579, 103.8384



75.4634, 77.2626, 84.0214



15.9527, 15.9982, 18.4853



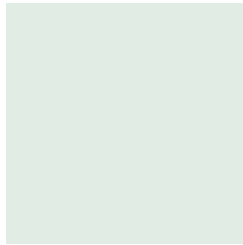
23.2113, 11.4872, 22.7118



1.8627, 0.9180, 1.9941

Previews

White Background



This preview shows how the XYZ color 75.0504, 81.5999, 85.1936 looks on a white background.

Color Contrast Check

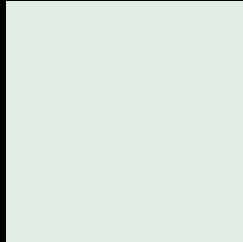
Large Text (above 18pt) WCAG AA × Fail

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 75.0504, 81.5999, 85.1936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

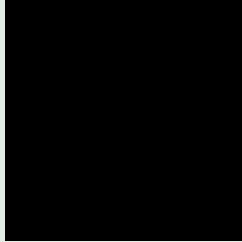
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

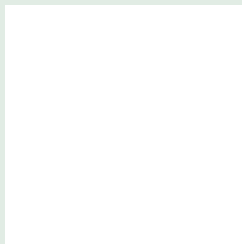
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0504, 81.5999, 85.1936

Background



This preview shows how black text looks on a background with the XYZ color 75.0504, 81.5999, 85.1936.



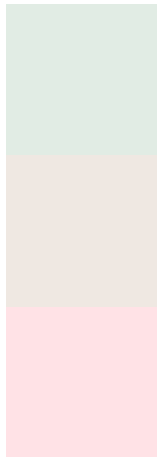
This preview shows how white text looks on a background with the XYZ color 75.0504, 81.5999,

85.1936.

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

75.0504, 81.5999, 85.1936

Protanopia

78.1807, 81.5549, 83.5726

Deuteranopia

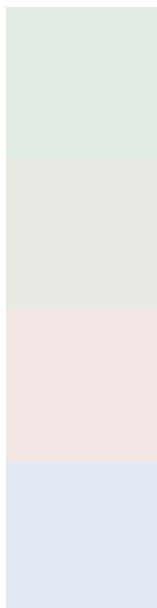
82.7193, 81.3659, 86.2083



Tritanopia

78.8646, 81.9009, 102.9186

Trichromacy



Original Color

75.0504, 81.5999, 85.1936

Protanomaly

76.9357, 81.3163, 84.3137

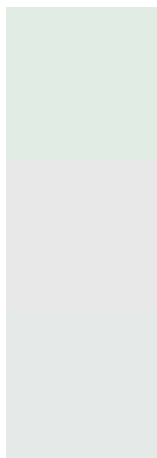
Deuteranomaly

79.7479, 81.4839, 85.6535

Tritanomaly

77.5954, 81.8107, 96.4953

Monochromacy



Original Color

75.0504, 81.5999, 85.1936

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8758, 80.7054, 87.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0504, 81.5999, 85.1936 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, 236, 228) looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 236, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.0504, 81.5999, 85.1936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

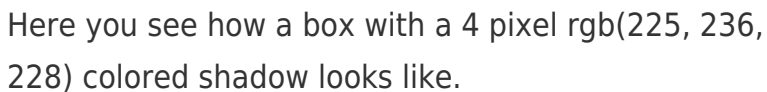
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 236, 228) }
```


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

```
.border{ border-color:rgb(225, 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(225, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 236, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 236, 228); box-shadow:4px 4px 4px 4px rgb(225, 236, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0504, 81.5999, 85.1936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 236, 228) }
```

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

```
.background{ background-color: rgb(225,  
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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