

Converting Colors

XYZ(75.9865, 81.7430, 84.9410)

Have a look what the booklet for
XYZ(75.9865, 81.7430, 84.9410)
contains.

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Color

**XYZ(76.0250, 81.6761,
85.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EBE4
RGB	229, 235, 228
RGB Percent	90%, 92%, 89%
CMY	0.1020, 0.0784, 0.1059
CMYK	0.03, 0.00, 0.03, 0.08
HSL	111°, 15%, 91%
HSV	111°, 3%, 92%
XYZ	76.0250, 81.6761, 85.1569
YIQ	232.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

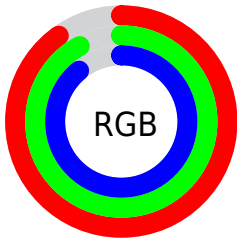
Format	Color
R _Y B	228, 235, 234
Decimal	15068132
CIE Lab	92.43, -3.24, 2.68
CIE LCh	92, 4.211, 140.412
Yxy	81.6761, 0.3130, 0.3363
Android (android.graphics.Color)	4293258212 (0xFFE5EBE4)
YUV	232.4080, -2.1731, -2.9888
Hunter-Lab	90.3748, -7.9984, 7.3956

Details

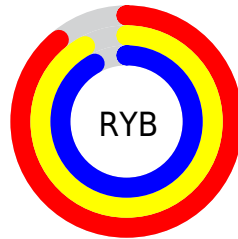
The XYZ color **76.0250, 81.6761, 85.1569** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.6736, 78.9796, 89.8049**, and the grayscale version is **77.0259, 81.0372, 88.2495**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1185, 44.2560, 45.9102** is the 20% darker color. If you saturate the color by 10%, you get **66.9228, 77.3378, 68.8429**, and if you desaturate by 10%, it is **86.3213, 86.5834, 103.8451**.

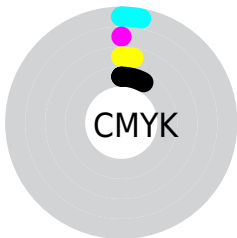
Distribution



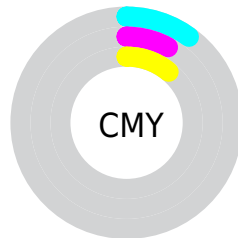
- Red (90%)
- Green (92%)
- Blue (89%)



- Red (89%)
- Yellow (92%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0250, 81.6761, 85.1569 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 76.0250, 81.6761, 85.1569 by changing the saturation by 10% instead.

■ 76.0250, 81.6761,
85.1569

■ 76.0250, 81.6761,
85.1569

470.3763,
500.5636, 532.3052

■ 56.7501, 61.0986,
63.4201

126.7424,
135.7197, 142.4685

■ 41.0440, 44.3047,
45.7380

158.9157,
169.9546, 178.8804

■ 28.5413, 30.9102,
31.6919

196.1191,
209.5107, 221.0211

■ 18.8766, 20.5304,
20.8634

238.7181,
254.7724, 269.3091

■ 11.6846, 12.7812,
12.8340

287.0779,
306.1242, 324.1629

■ 6.6000, 7.2781,
7.1849

341.5640,

■ 3.2573, 3.6366,

363.9504, 386.0012

3.4978

402.5417,
428.6354, 455.2425

■ 1.2913, 1.4724,
1.3541

■ 0.1767, 0.2692,
0.1055

■ 76.0250, 81.6761,
85.1569

■ 76.0250, 81.6761,
85.1569

■ 66.9228, 77.3378,
68.8429

■ 86.3213, 86.5834,
103.8451

■ 58.9647, 73.5377,
54.8028

■ 88.9999, 87.8998,
106.8833

■ 52.1072, 70.2581,
42.9374

■ 46.3013, 67.4759,
33.1379

■ 41.4946, 65.1668,
25.2861

■ 37.6297, 63.3039,
19.2521

■ 34.6436, 61.8580,
14.8898

■ 32.4652, 60.7960,
12.0309

■ 31.0114, 60.0795,
10.4719

Harmonies

Analogous

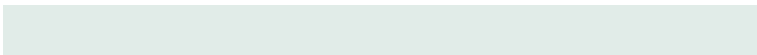
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9012, 81.6761, 83.4179



76.0250, 81.6761, 85.1569



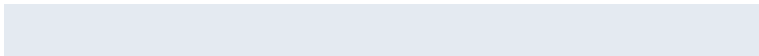
75.5802, 81.6761, 87.9343

Triad

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



76.0250, 81.6761, 85.1569



77.2817, 81.6761, 94.9888



79.6137, 81.6761, 86.8522

Complementary

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



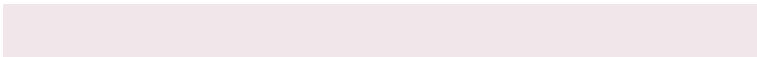
76.0250, 81.6761, 85.1569



76.6736, 78.9796, 89.8049

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.



79.7179, 81.6761, 89.9360



76.0250, 81.6761, 85.1569



78.3647, 81.6761, 94.6826

Square

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



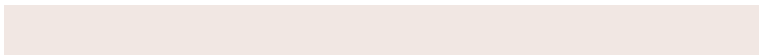
76.0250, 81.6761, 85.1569



76.3013, 81.6761, 93.6429



79.2588, 81.6761, 92.8158



78.9754, 81.6761, 84.3807

Rectangle

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



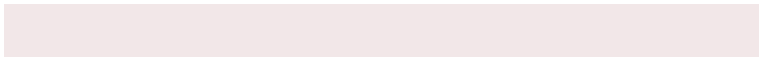
76.0250, 81.6761, 85.1569



75.5854, 81.6761, 90.0217



79.2588, 81.6761, 92.8158



79.7126, 81.6761, 87.8499

Sweetspot

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



76.0273, 81.6796, 85.1587



93.8424, 99.4246, 106.7146



77.6766, 82.0846, 85.1499



20.0989, 21.2870, 22.8644



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.



76.0273, 81.6796, 85.1587



90.3068, 97.7395, 100.3321



76.0520, 81.6527, 86.9491



16.0063, 17.4125, 17.6821



16.9561, 33.2856, 5.5311



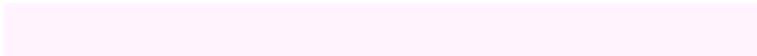
1.3940, 2.6460, 0.4373

Inverse Universe

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



76.6736, 78.9796, 89.8049



91.3483, 93.3888, 107.8190



76.6510, 79.0086, 87.9675



16.2247, 16.5003, 19.2520



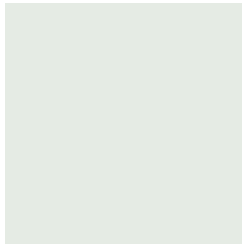
21.9028, 10.3272, 44.5819



1.7778, 0.8408, 3.5035

Previews

White Background



This preview shows how the XYZ color 76.0250, 81.6761, 85.1569 looks on a white background.

Color Contrast Check

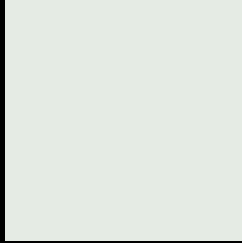
Large Text (above 18pt) WCAG AA × Fail

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 76.0250, 81.6761, 85.1569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

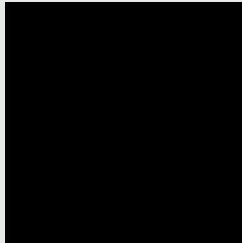
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

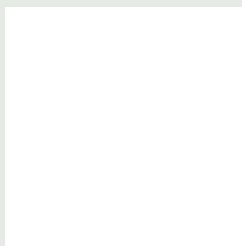
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0250, 81.6761, 85.1569

Background



This preview shows how black text looks on a background with the XYZ color 76.0250, 81.6761, 85.1569.



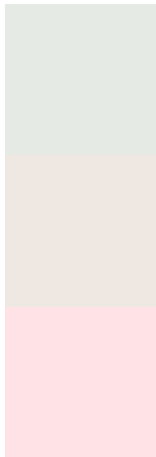
This preview shows how white text looks on a background with the XYZ color 76.0250, 81.6761,

85.1569.

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

76.0250, 81.6761, 85.1569

Protanopia

78.1807, 81.5549, 83.5726

Deuteranopia

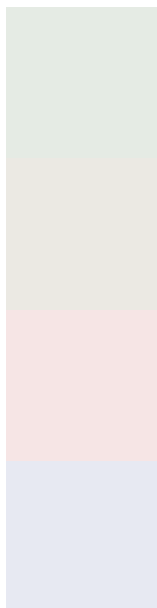
82.7193, 81.3659, 86.2083



Tritanopia

79.3906, 81.7712, 102.0416

Trichromacy



Original Color

76.0250, 81.6761, 85.1569

Protanomaly

77.2650, 81.4860, 84.3291

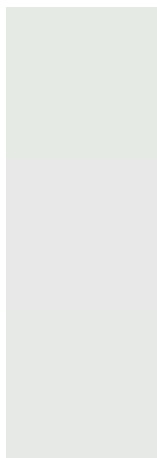
Deuteranomaly

80.1682, 81.2886, 85.5937

Tritanomaly

78.1209, 81.6776, 95.6523

Monochromacy



Original Color

76.0250, 81.6761, 85.1569

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.5177, 81.0363, 87.2100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0250, 81.6761, 85.1569 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(229, 235, 228) looks like.

```
.text, #text, p{  
    color:rgb(229, 235, 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(229, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 228) }
```

Border

The CSS property to change the border of an element to XYZ 76.0250, 81.6761, 85.1569 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(229, 235, 228) }
```


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

```
.border{ border-color:rgb(229, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0250, 81.6761, 85.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 235, 228) }
```

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

```
.background{ background-color: rgb(229,  
235, 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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