

Converting Colors

XYZ(76.2061, 82.2844, 84.6862)

Have a look what the booklet for
XYZ(76.2061, 82.2844, 84.6862)
contains.

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Color

**XYZ(76.1737, 82.1950,
84.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	E5ECE3
RGB	229, 236, 227
RGB Percent	90%, 93%, 89%
CMY	0.1020, 0.0745, 0.1098
CMYK	0.03, 0.00, 0.04, 0.07
HSL	107°, 19%, 91%
HSV	107°, 4%, 93%
XYZ	76.1737, 82.1950, 84.5235
YIQ	232.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

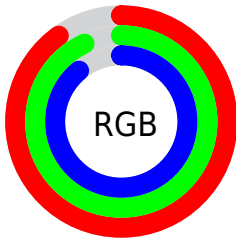
Format	Color
R _Y B	227, 236, 234
Decimal	15068387
CIE Lab	92.66, -3.93, 3.54
CIE LCh	93, 5.287, 138.019
Yxy	82.1950, 0.3136, 0.3384
Android (android.graphics.Color)	4293258467 (0xFFE5ECE3)
YUV	232.8810, -2.8993, -3.4036
Hunter-Lab	90.6615, -8.6820, 8.1871

Details

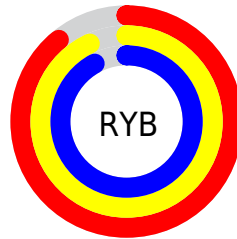
The XYZ color **76.1737, 82.1950, 84.5235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5443, 78.4890, 90.4767**, and the grayscale version is **77.3864, 81.4165, 88.6626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2232, 44.6197, 45.4695** is the 20% darker color. If you saturate the color by 10%, you get **67.5861, 78.1212, 68.2676**, and if you desaturate by 10%, it is **85.8320, 86.7738, 103.1636**.

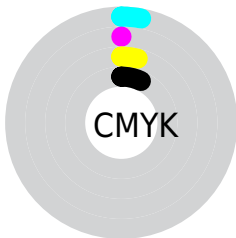
Distribution



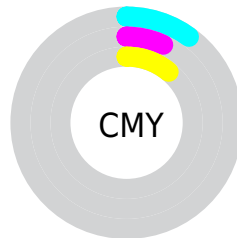
- Red (90%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1737, 82.1950, 84.5235 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 76.1737, 82.1950, 84.5235 by changing the saturation by 10% instead.

■ 76.1737, 82.1950,
84.5235

■ 76.1737, 82.1950,
84.5235

470.8774,
502.2997, 530.1534

■ 56.8725, 61.5263,
62.8999

126.9515,
136.4474, 141.5755

■ 41.1426, 44.6500,
45.3197

159.1587,
170.7999, 177.8409

■ 28.6187, 31.1819,
31.3646

196.3988,
210.4825, 219.8240

■ 18.9354, 20.7374,
20.6158

239.0369,
255.8795, 267.9433

■ 11.7273, 12.9322,
12.6550

287.4384,
307.3753, 322.6174

■ 6.6292, 7.3819,
7.0635

341.9688,

■ 3.2755, 3.7020,

365.3543, 384.2647

3.4228

402.9933,
430.2010, 453.3039

■ 1.3011, 1.5083,
1.3143

■ 0.1840, 0.2946,
0.0735

■ 76.1737, 82.1950,
84.5235

■ 76.1737, 82.1950,
84.5235

■ 67.5861, 78.1212,
68.2676

■ 85.8320, 86.7738,
103.1636

■ 60.0251, 74.5248,
54.2947

■ 89.2871, 88.4741,
106.9790

■ 53.4536, 71.3912,
42.5040

■ 47.8295, 68.7012,
32.7853

■ 43.1078, 66.4341,
25.0187

■ 39.2395, 64.5676,
19.0722

■ 36.1708, 63.0770,
14.7971

■ 33.8411, 61.9350,
12.0215

■ 32.1800, 61.1098,
10.5363

Harmonies

Analogous

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



77.3084, 82.1950, 82.4829



76.1737, 82.1950, 84.5235



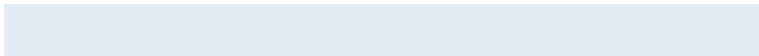
75.5644, 82.1950, 87.9328

Triad

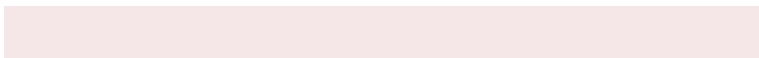
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1737, 82.1950, 84.5235



77.5760, 82.1950, 97.1146



80.6668, 82.1950, 87.1730

Complementary

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



76.1737, 82.1950, 84.5235



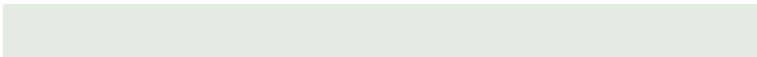
76.5443, 78.4890, 90.4767

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.



80.7405, 82.1950, 91.0784



76.1737, 82.1950, 84.5235



78.9451, 82.1950, 96.8966

Square

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



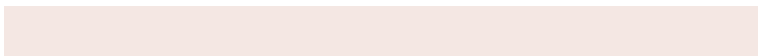
76.1737, 82.1950, 84.5235



76.3676, 82.1950, 95.2477



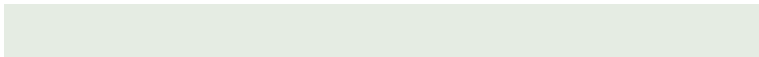
80.1071, 82.1950, 94.6606



79.9069, 82.1950, 83.9814

Rectangle

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



76.1737, 82.1950, 84.5235



75.5333, 82.1950, 90.5575



80.1071, 82.1950, 94.6606



80.7730, 82.1950, 88.4436

Sweetspot

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



76.1760, 82.1985, 84.5253



93.9161, 99.4626, 106.7181



77.8550, 82.1714, 84.4316



20.1139, 21.2947, 22.8651



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.



76.1760, 82.1985, 84.5253



89.5093, 97.3730, 98.2786



75.8753, 82.0050, 86.2534



15.8849, 17.3574, 17.3398



17.4173, 33.5234, 5.5527



1.4485, 2.6740, 0.4398

Inverse Universe

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



76.5443, 78.4890, 90.4767



90.0824, 91.6001, 107.5405



76.8580, 78.6907, 88.6824



16.0003, 16.1949, 19.2049



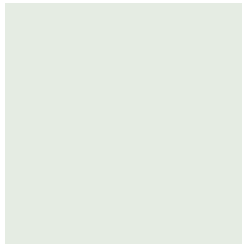
19.3028, 8.9869, 44.4602



1.5962, 0.7472, 3.4950

Previews

White Background



This preview shows how the XYZ color 76.1737, 82.1950, 84.5235 looks on a white background.

Color Contrast Check

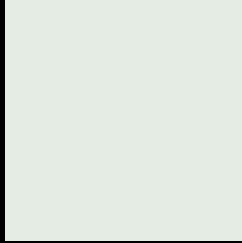
Large Text (above 18pt) WCAG AA × Fail

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 76.1737, 82.1950, 84.5235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

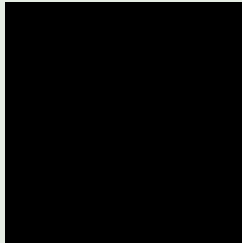
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

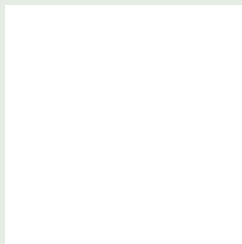
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1737, 82.1950, 84.5235

Background



This preview shows how black text looks on a background with the XYZ color 76.1737, 82.1950, 84.5235.



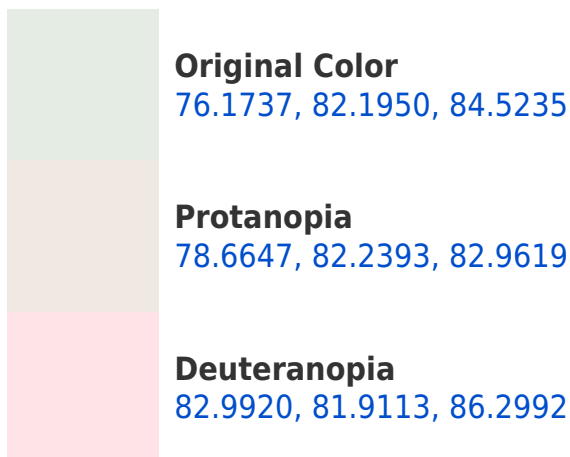
This preview shows how white text looks on a background with the XYZ color 76.1737, 82.1950,

84.5235.

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

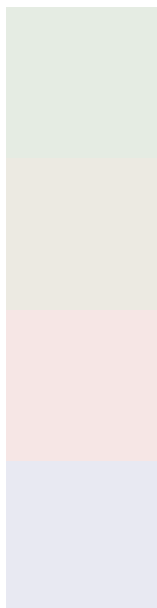




Tritanopia

79.8735, 82.0019, 102.8850

Trichromacy



Original Color

76.1737, 82.1950, 84.5235

Protanomaly

77.7424, 82.1695, 83.7143

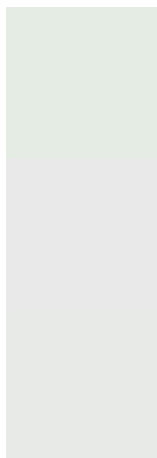
Deuteranomaly

80.4457, 81.8436, 85.6862

Tritanomaly

78.4446, 81.8444, 95.6675

Monochromacy



Original Color

76.1737, 82.1950, 84.5235

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.1253, 81.7710, 87.3197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1737, 82.1950, 84.5235 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, 236, 227) looks like.

```
.text, #text, p{  
    color:rgb(229, 236, 227)  
}
```

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, 236, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 236, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.1737, 82.1950, 84.5235 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, 236, 227) }
```


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

```
.border{ border-color:rgb(229, 236, 227) }
```

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

Here you see how a box with a 4 pixel rgb(229, 236, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 236, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 236, 227);  
box-shadow:4px 4px 4px 4px rgb(229, 236,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1737, 82.1950, 84.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 236, 227) }
```

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

```
.background{ background-color: rgb(229,  
236, 227) }
```

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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