

Converting Colors

XYZ(76.5884, 84.6233, 82.8183)

Have a look what the booklet for
XYZ(76.5884, 84.6233, 82.8183)
contains.

XYZ(76.5884, 84.6233, 82.8183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.5884, 84.6233,
82.8183)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F1E0
RGB	227, 241, 224
RGB Percent	89%, 95%, 88%
CMY	0.1098, 0.0549, 0.1216
CMYK	0.06, 0.00, 0.07, 0.05
HSL	109°, 38%, 91%
HSV	109°, 7%, 95%
XYZ	76.5884, 84.6233, 82.8183
YIQ	234.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

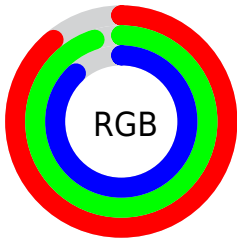
Format	Color
RYB	224, 241, 238
Decimal	14938592
CIELab	93.72, -7.66, 6.61
CIELCh	94, 10.114, 139.204
Yxy	84.6233, 0.3138, 0.3468
Android (android.graphics.Color)	4293128672 (0xFFE3F1E0)
YUV	234.8760, -5.3619, -6.9073
Hunter-Lab	91.9909, -12.3713, 11.0156

Details

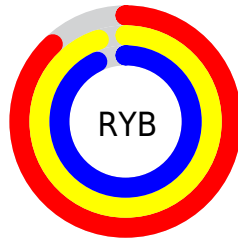
The XYZ color **76.5884, 84.6233, 82.8183** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.7960, 77.8416, 94.1481**, and the grayscale version is **78.9144, 83.0241, 90.4132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5237, 46.3332, 44.2908** is the 20% darker color. If you saturate the color by 10%, you get **67.6455, 80.3668, 66.5301**, and if you desaturate by 10%, it is **86.7211, 89.4445, 101.5840**.

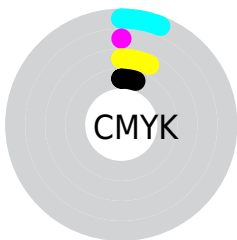
Distribution



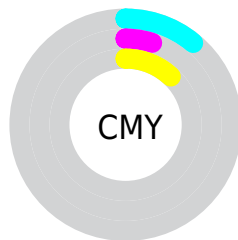
- Red (89%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5884, 84.6233, 82.8183 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 76.5884, 84.6233, 82.8183 by changing the saturation by 10% instead.

76.5884, 84.6233,
82.8183

76.5884, 84.6233,
82.8183

472.2730,
510.3808, 524.3359

57.2139, 63.5302,
61.5005

127.5342,
139.8467, 139.1679

41.4178, 46.2702,
44.1961

159.8362,
174.7459, 175.0368

28.8348, 32.4591,
30.4863

197.1781,
215.0157, 216.5932

19.0995, 21.7124,
19.9529

239.9252,
261.0408, 264.2556

11.8466, 13.6458,
12.1770

288.4429,
313.2055, 318.4425

6.7108, 7.8747,
6.7404

343.0965,

3.3266, 4.0149,

371.8941, 379.5725

3.2243

404.2514,
437.4910, 448.0641

■ 1.3287, 1.6819,
1.2103

■ 0.2046, 0.4119,
0.0000

■ 76.5884, 84.6233,
82.8183

■ 76.5884, 84.6233,
82.8183

■ 67.6455, 80.3668,
66.5301

■ 86.7211, 89.4445,
101.5840

■ 59.8416, 76.6437,
52.6107

■ 90.7469, 91.3939,
107.4656

■ 53.1325, 73.4362,
40.9514

■ 47.4685, 70.7211,
31.4328

■ 42.7958, 68.4736,
23.9248

■ 39.0559, 66.6666,
18.2829

■ 36.1838, 65.2702,
14.3433

■ 34.1054, 64.2504,
11.9140

■ 32.7318, 63.5666,
10.7482

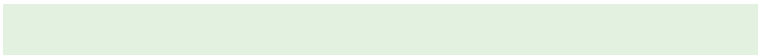
Harmonies

Analogous

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



78.7465, 84.6233, 78.8774



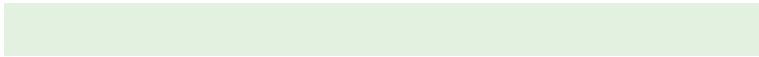
76.5884, 84.6233, 82.8183



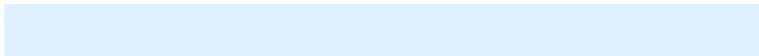
75.4689, 84.6233, 89.4000

Triad

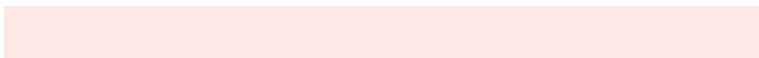
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5884, 84.6233, 82.8183



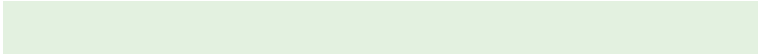
79.4693, 84.6233, 107.4326



85.4039, 84.6233, 87.3643

Complementary

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



76.5884, 84.6233, 82.8183



77.7960, 77.8416, 94.1481

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.



85.6079, 84.6233, 94.9362



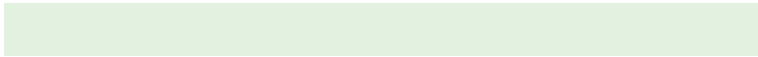
76.5884, 84.6233, 82.8183



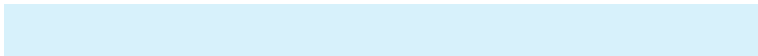
82.1412, 84.6233, 106.8125

Square

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



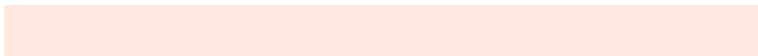
76.5884, 84.6233, 82.8183



77.1074, 84.6233, 103.7870



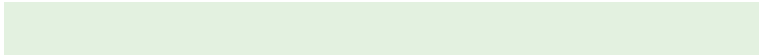
84.4019, 84.6233, 102.1370



83.8506, 84.6233, 81.3994

Rectangle

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



76.5884, 84.6233, 82.8183



75.4450, 84.6233, 94.5245



84.4019, 84.6233, 102.1370



85.6338, 84.6233, 89.7967

Sweetspot

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



76.5907, 84.6269, 82.8201



92.7112, 98.8879, 104.5612



80.2743, 85.1677, 82.7304



19.8685, 21.1777, 22.4258



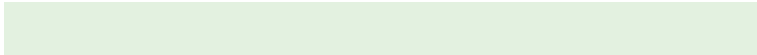
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.5907, 84.6269, 82.8201



86.0243, 95.7066, 92.2339



76.3948, 84.4402, 86.6840



15.8259, 17.7904, 16.7495



17.6653, 34.4284, 5.7143



1.5429, 2.9019, 0.4788

Inverse Universe

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



77.7960, 77.8416, 94.1481



87.5723, 86.9917, 106.7833



78.0190, 78.0481, 90.0213



16.1648, 15.8822, 19.9352



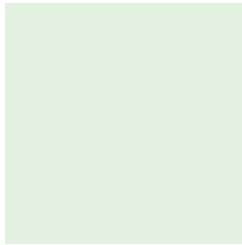
21.4115, 10.0434, 45.9379



1.8522, 0.8721, 3.8249

Previews

White Background



This preview shows how the XYZ color 76.5884, 84.6233, 82.8183 looks on a white background.

Color Contrast Check

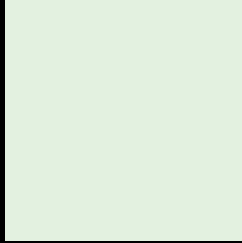
Large Text (above 18pt) WCAG AA × Fail

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 76.5884, 84.6233, 82.8183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

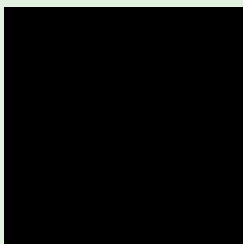
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

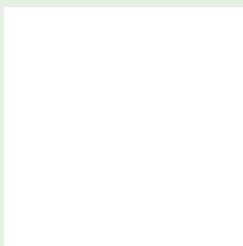
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5884, 84.6233, 82.8183

Background



This preview shows how black text looks on a background with the XYZ color 76.5884, 84.6233, 82.8183.



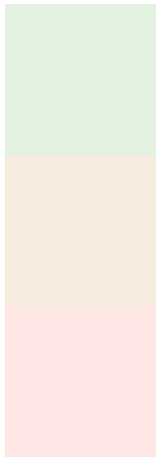
This preview shows how white text looks on a background with the XYZ color 76.5884, 84.6233,

82.8183.

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

76.5884, 84.6233, 82.8183

Protanopia

80.7028, 84.6238, 80.4872

Deuteranopia

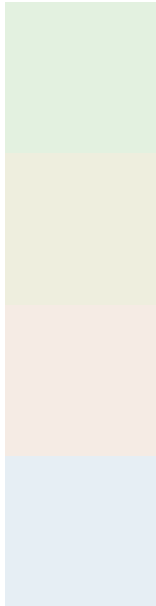
84.0988, 84.1250, 86.6682



Tritanopia

81.3242, 84.3667, 106.6059

Trichromacy



Original Color

76.5884, 84.6233, 82.8183

Protanomaly

79.0192, 84.6001, 81.2719

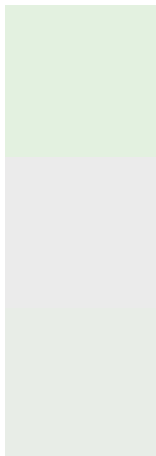
Deuteranomaly

81.3681, 84.4306, 85.4070

Tritanomaly

79.5368, 84.5037, 97.7068

Monochromacy



Original Color

76.5884, 84.6233, 82.8183

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9867, 83.4937, 87.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5884, 84.6233, 82.8183 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(227, 241, 224) looks like.

```
.text, #text, p{  
    color:rgb(227, 241, 224)  
}
```

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(227, 241, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 241, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.5884, 84.6233, 82.8183 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(227, 241, 224) }
```


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

```
.border{ border-color:rgb(227, 241, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 241, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 241, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 241, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 241,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5884, 84.6233, 82.8183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 241, 224) }
```

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

```
.background{ background-color: rgb(227,  
241, 224) }
```

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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