

Converting Colors

XYZ(76.1791, 83.4119, 84.4172)

Have a look what the booklet for
XYZ(76.1791, 83.4119, 84.4172)
contains.

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Color

**XYZ(76.4102, 83.6099,
84.7841)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EFE3
RGB	227, 239, 227
RGB Percent	89%, 94%, 89%
CMY	0.1098, 0.0627, 0.1098
CMYK	0.05, 0.00, 0.05, 0.06
HSL	120°, 27%, 91%
HSV	120°, 5%, 94%
XYZ	76.4102, 83.6099, 84.7841
YIQ	234.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

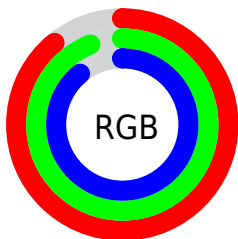
Format	Color
R _Y B	227, 239, 239
Decimal	14938083
CIE Lab	93.28, -6.12, 4.42
CIE LCh	93, 7.549, 144.194
Yxy	83.6099, 0.3121, 0.3415
Android (android.graphics.Color)	4293128163 (0xFFE3EFE3)
YUV	234.0440, -3.4727, -6.1776
Hunter-Lab	91.4384, -10.8544, 9.0317

Details

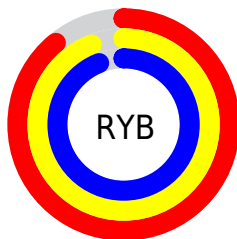
The XYZ color **76.4102, 83.6099, 84.7841** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.6488, 79.5231, 92.8698**, and the grayscale version is **78.2693, 82.3454, 89.6741**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3931, 45.6162, 45.6529** is the 20% darker color. If you saturate the color by 10%, you get **66.3158, 78.7635, 68.2708**, and if you desaturate by 10%, it is **88.0137, 89.1861, 103.7618**.

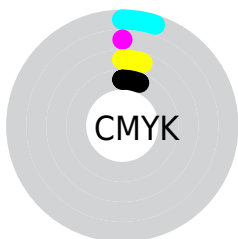
Distribution



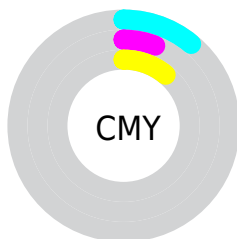
- Red (89%)
- Green (94%)
- Blue (89%)



- Red (89%)
- Yellow (94%)
- Blue (94%)



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



- Cyan (11%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4102, 83.6099, 84.7841 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 76.4102, 83.6099, 84.7841 by changing the saturation by 10% instead.

■ 76.4102, 83.6099,
84.7841

■ 76.4102, 83.6099,
84.7841

471.6736,
507.0169, 531.0393

■ 57.0672, 62.6934,
63.1139

127.2839,
138.4294, 141.9430

■ 41.2995, 45.5932,
45.4918

159.5452,
173.1011, 178.2687

■ 28.7419, 31.9249,
31.4992

196.8433,
213.1267, 220.3167

■ 19.0290, 21.3042,
20.7176

239.5436,
258.8907, 268.5055

■ 11.7953, 13.3465,
12.7285

288.0114,
310.7772, 323.2536

■ 6.6757, 7.6676,
7.1133

342.6121,

■ 3.3046, 3.8830,

369.1709, 384.9796

3.4536

403.7111,
434.4560, 454.1020

■ 1.3168, 1.6083,
1.3306

■ 0.1958, 0.3632,
0.0867

■ 76.4102, 83.6099,
84.7841

■ 76.4102, 83.6099,
84.7841

■ 66.3158, 78.7635,
68.2708

■ 88.0137, 89.1861,
103.7618

■ 57.6619, 74.6066,
54.1158

■ 90.1581, 90.2162,
107.2694

■ 50.3850, 71.1111,
42.2130

■ 44.4140, 68.2430,
32.4464

■ 39.6719, 65.9651,
24.6896

■ 36.0730, 64.2363,
18.8030

■ 33.5210, 63.0105,
14.6288

■ 31.9039, 62.2337,
11.9837

■ 31.0840, 61.8399,
10.6425

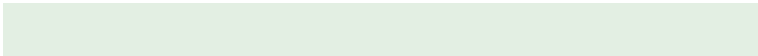
Harmonies

Analogous

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



77.9132, 83.6099, 81.4161



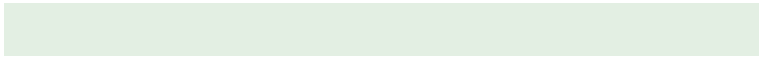
76.4102, 83.6099, 84.7841



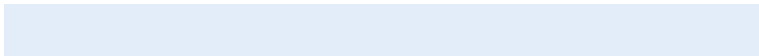
75.7279, 83.6099, 89.9344

Triad

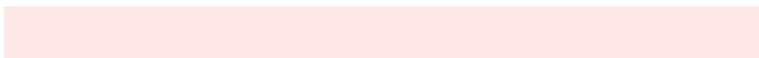
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4102, 83.6099, 84.7841



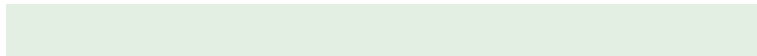
79.0828, 83.6099, 102.3628



83.0050, 83.6099, 86.6258

Complementary

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



76.4102, 83.6099, 84.7841



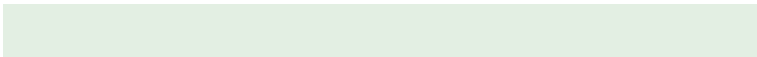
78.6488, 79.5231, 92.8698

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.



83.3307, 83.6099, 92.1485



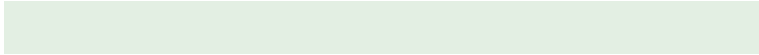
76.4102, 83.6099, 84.7841



81.0448, 83.6099, 101.3873

Square

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



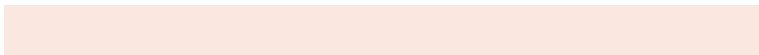
76.4102, 83.6099, 84.7841



77.2543, 83.6099, 100.2026



82.6077, 83.6099, 97.5900



81.7250, 83.6099, 82.4480

Rectangle

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



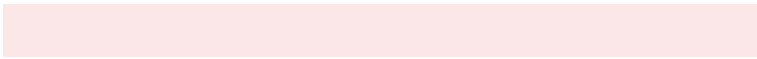
76.4102, 83.6099, 84.7841



75.8219, 83.6099, 93.7464



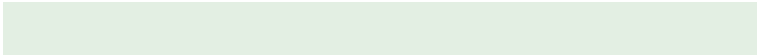
82.6077, 83.6099, 97.5900



83.2306, 83.6099, 88.3802

Sweetspot

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



76.4125, 83.6135, 84.7859



92.3882, 98.7214, 104.5461



80.3319, 85.6340, 84.9693



19.8027, 21.1438, 22.4227



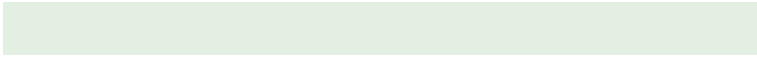
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

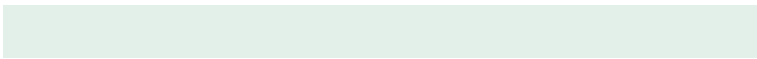
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4125, 83.6135, 84.7859



87.2770, 96.2663, 96.1859



77.2557, 83.9507, 89.2258



16.2068, 17.9642, 17.7855



17.0575, 34.1150, 5.6858



1.4190, 2.8381, 0.4730

Inverse Universe

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



78.6488, 79.5231, 92.8698



90.3618, 90.6237, 107.3373



77.7765, 79.1742, 88.2763



16.8408, 16.8044, 20.0776



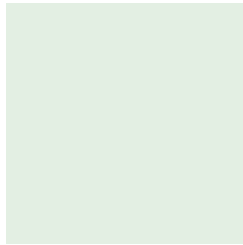
28.2813, 13.5849, 46.2592



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 76.4102, 83.6099, 84.7841 looks on a white background.

Color Contrast Check

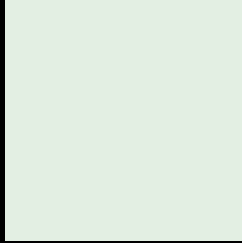
Large Text (above 18pt) WCAG AA × Fail

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 76.4102, 83.6099, 84.7841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

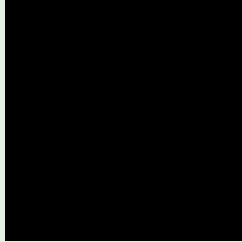
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

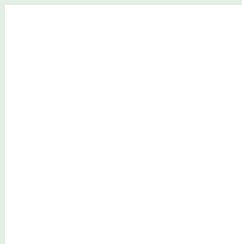
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4102, 83.6099, 84.7841

Background



This preview shows how black text looks on a background with the XYZ color 76.4102, 83.6099, 84.7841.



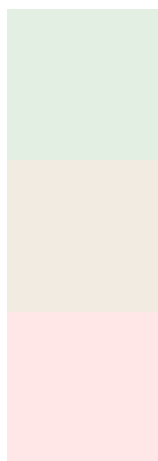
This preview shows how white text looks on a background with the XYZ color 76.4102, 83.6099,

84.7841.

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

76.4102, 83.6099, 84.7841

Protanopia

79.9169, 83.7301, 83.1836

Deuteranopia

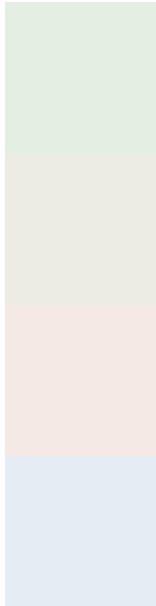
83.9606, 83.6232, 87.3170



Tritanopia

80.5527, 83.5613, 105.6493

Trichromacy



Original Color

76.4102, 83.6099, 84.7841

Protanomaly

78.6480, 83.4864, 83.9208

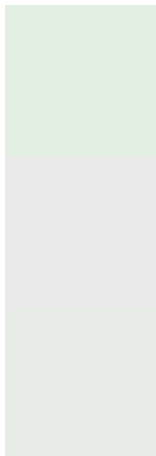
Deuteranomaly

81.0780, 83.4035, 86.6881

Tritanomaly

78.9577, 83.3456, 97.5137

Monochromacy



Original Color

76.4102, 83.6099, 84.7841

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.3743, 82.7494, 87.4955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4102, 83.6099, 84.7841 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, 239, 227) looks like.

```
.text, #text, p{  
    color:rgb(227, 239, 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(227, 239, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 239, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.4102, 83.6099, 84.7841 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, 239, 227) }
```


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

```
.border{ border-color:rgb(227, 239, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 239, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 239, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 239, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 239,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4102, 83.6099, 84.7841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 239, 227) }
```

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

```
.background{ background-color: rgb(227,  
239, 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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