

Converting Colors

XYZ(74.6972, 80.0034, 84.5297)

Have a look what the booklet for
XYZ(74.6972, 80.0034, 84.5297)
contains.

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Color

**XYZ(74.6826, 80.1548,
84.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E9E3
RGB	227, 233, 227
RGB Percent	89%, 91%, 89%
CMY	0.1098, 0.0863, 0.1098
CMYK	0.03, 0.00, 0.03, 0.09
HSL	120°, 12%, 90%
HSV	120°, 3%, 91%
XYZ	74.6826, 80.1548, 84.2083
YIQ	230.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

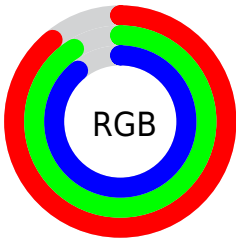
Format	Color
R _Y B	227, 233, 233
Decimal	14936547
CIE Lab	91.75, -3.07, 2.20
CIE LCh	92, 3.780, 144.375
Yxy	80.1548, 0.3124, 0.3353
Android (android.graphics.Color)	4293126627 (0xFFE3E9E3)
YUV	230.5220, -1.7363, -3.0888
Hunter-Lab	89.5292, -7.7767, 6.9042

Details

The XYZ color **74.6826, 80.1548, 84.2083** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7843, 78.1470, 88.1844**, and the grayscale version is **75.6158, 79.5537, 86.6340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1818, 43.1935, 45.2491** is the 20% darker color. If you saturate the color by 10%, you get **64.8238, 75.4215, 68.0808**, and if you desaturate by 10%, it is **85.9757, 85.5818, 102.6779**.

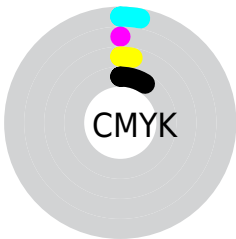
Distribution



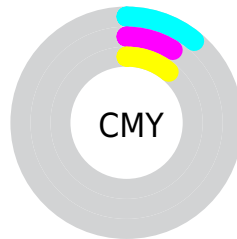
- Red (89%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6826, 80.1548, 84.2083 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 74.6826, 80.1548, 84.2083 by changing the saturation by 10% instead.

■ 74.6826, 80.1548,
84.2083

■ 74.6826, 80.1548,
84.2083

465.8399,
495.4544, 529.0808

■ 55.6462, 59.8457,
62.6410

124.8533,
133.5834, 141.1308

■ 40.1552, 43.2943,
45.1117

156.7182,
167.4716, 177.3232

■ 27.8443, 30.1161,
31.2019

193.5901,
206.6551, 219.2277

■ 18.3482, 19.9267,
20.4929

235.8341,
251.5182, 267.2628

■ 11.3015, 12.3418,
12.5662

283.8158,
302.4453, 321.8472

■ 6.3388, 6.9769,
7.0033

337.9004,

■ 3.0948, 3.4477,

359.8207, 383.3993

3.3857

398.4533,
424.0290, 452.3376

■ 1.2041, 1.3697,
1.2948

■ 0.1096, 0.1942,
0.0575

■ 74.6826, 80.1548,
84.2083

■ 74.6826, 80.1548,
84.2083

■ 64.8238, 75.4215,
68.0808

■ 85.9757, 85.5818,
102.6779

■ 56.3355, 71.3441,
54.1970

■ 88.4305, 86.7610,
106.6935

■ 49.1592, 67.8969,
42.4589

■ 43.2294, 65.0486,
32.7597

■ 38.4751, 62.7648,
24.9831

■ 34.8182, 61.0082,
19.0013

■ 32.1709, 59.7366,
14.6710

■ 30.4323, 58.9015,
11.8271

■ 29.4806, 58.4443,
10.2700

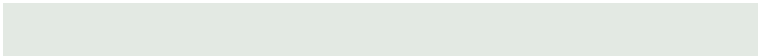
Harmonies

Analogous

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



75.4196, 80.1548, 82.5115



74.6826, 80.1548, 84.2083



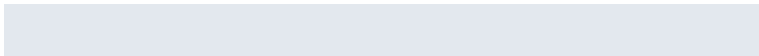
74.3484, 80.1548, 86.7538

Triad

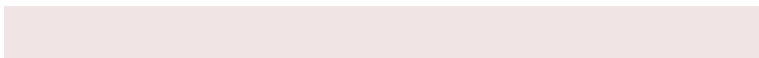
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6826, 80.1548, 84.2083



76.0025, 80.1548, 92.6851



77.8918, 80.1548, 85.0946

Complementary

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



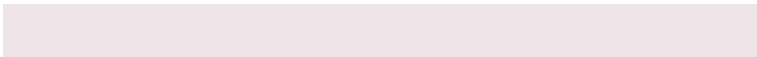
74.6826, 80.1548, 84.2083



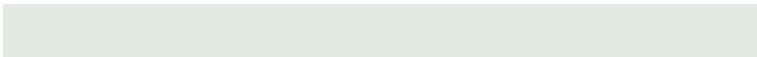
75.7843, 78.1470, 88.1844

Split Complementary

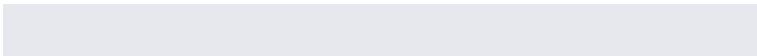
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0511, 80.1548, 87.7982



74.6826, 80.1548, 84.2083



76.9551, 80.1548, 92.2183

Square

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



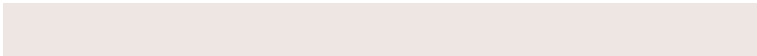
74.6826, 80.1548, 84.2083



75.1063, 80.1548, 91.6776



77.7069, 80.1548, 90.4152



77.2735, 80.1548, 83.0156

Rectangle

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



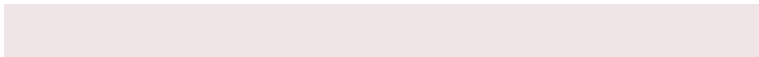
74.6826, 80.1548, 84.2083



74.3969, 80.1548, 88.6043



77.7069, 80.1548, 90.4152



78.0010, 80.1548, 85.9590

Sweetspot

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



74.6849, 80.1582, 84.2100



93.7102, 99.3564, 106.7085



76.6119, 81.1517, 84.3000



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

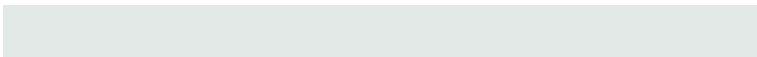
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6849, 80.1582, 84.2100



91.0840, 98.0949, 102.4130



75.1029, 80.3255, 86.4115



16.1146, 17.4608, 18.0283



16.5341, 33.0681, 5.5116



1.2983, 2.5966, 0.4328

Inverse Universe

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



75.7843, 78.1470, 88.1844



92.6578, 95.2158, 108.1024



75.3590, 77.9769, 85.9447



16.4665, 16.8171, 19.3003



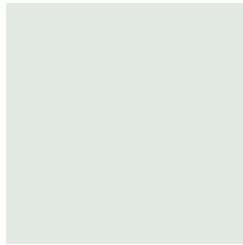
27.4126, 13.1677, 44.8356



2.1526, 1.0340, 3.5207

Previews

White Background



This preview shows how the XYZ color 74.6826, 80.1548, 84.2083 looks on a white background.

Color Contrast Check

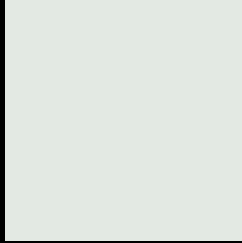
Large Text (above 18pt) WCAG AA × Fail

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 74.6826, 80.1548, 84.2083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

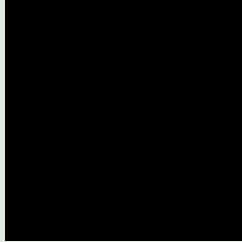
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

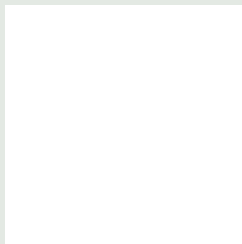
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6826, 80.1548, 84.2083

Background



This preview shows how black text looks on a background with the XYZ color 74.6826, 80.1548, 84.2083.



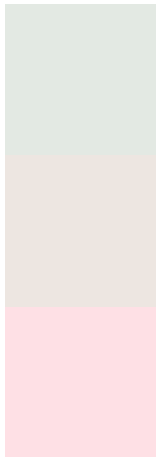
This preview shows how white text looks on a background with the XYZ color 74.6826, 80.1548,

84.2083.

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

74.6826, 80.1548, 84.2083

Protanopia

76.8125, 80.0344, 82.6339

Deuteranopia

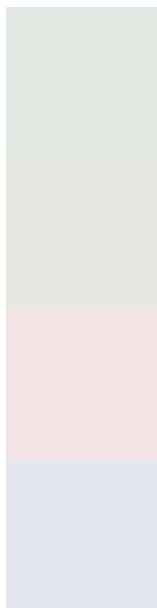
81.6716, 80.0393, 85.2733



Tritanopia

77.8732, 80.1939, 100.1816

Trichromacy



Original Color

74.6826, 80.1548, 84.2083

Protanomaly

75.9077, 79.9665, 83.3858

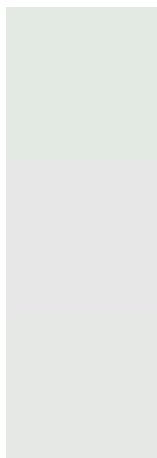
Deuteranomaly

78.7809, 79.7727, 84.6443

Tritanomaly

76.6172, 80.1011, 93.8610

Monochromacy



Original Color

74.6826, 80.1548, 84.2083

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7727, 80.2494, 86.3589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6826, 80.1548, 84.2083 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, 233, 227) looks like.

```
.text, #text, p{  
    color:rgb(227, 233, 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, 233, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 233, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.6826, 80.1548, 84.2083 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, 233, 227) }
```


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

```
.border{ border-color:rgb(227, 233, 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, 233, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 233, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 233, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 233,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6826, 80.1548, 84.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 233, 227) }
```

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

```
.background{ background-color: rgb(227,  
233, 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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