

Converting Colors

XYZ(76.9348, 84.3645, 81.3242)

Have a look what the booklet for
XYZ(76.9348, 84.3645, 81.3242)
contains.

XYZ(76.9780, 84.4171, 81.3442)	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(76.9780, 84.4171,
81.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F0DE
RGB	230, 240, 222
RGB Percent	90%, 94%, 87%
CMY	0.0980, 0.0588, 0.1294
CMYK	0.04, 0.00, 0.08, 0.06
HSL	93°, 38%, 91%
HSV	93°, 8%, 94%
XYZ	76.9780, 84.4171, 81.3442
YIQ	234.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

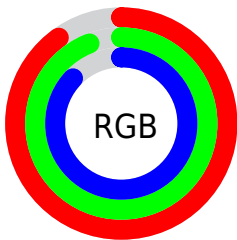
Format	Color
R _Y B	222, 240, 232
Decimal	15134942
CIE Lab	93.63, -6.48, 7.54
CIE LCh	94, 9.948, 130.682
Yxy	84.4171, 0.3171, 0.3478
Android (android.graphics.Color)	4293325022 (0xFFE6F0DE)
YUV	234.9580, -6.3883, -4.3482
Hunter-Lab	91.8788, -11.2368, 11.8232

Details

The XYZ color **76.9780, 84.4171, 81.3442** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1315, 75.6920, 93.0927**, and the grayscale version is **78.9829, 83.0961, 90.4917**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5711, 46.0697, 43.2605** is the 20% darker color. If you saturate the color by 10%, you get **69.8706, 81.1011, 65.3983**, and if you desaturate by 10%, it is **84.8756, 88.0924, 99.7208**.

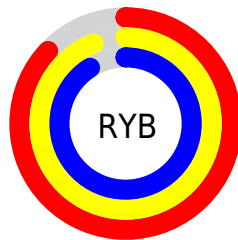
Distribution



Red (90%)

Green (94%)

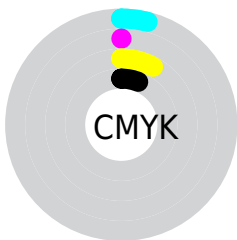
Blue (87%)



Red (87%)

Yellow (94%)

Blue (91%)

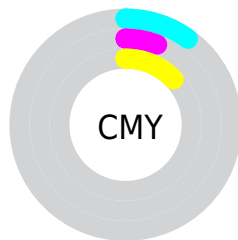


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (10%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9780, 84.4171, 81.3442 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 76.9780, 84.4171, 81.3442 by changing the saturation by 10% instead.

76.9780, 84.4171,
81.3442

76.9780, 84.4171,
81.3442

473.5821,
509.6973, 519.2772

57.5347, 63.3599,
60.2925

128.0814,
139.5585, 137.0824

41.6765, 46.1324,
43.2276

160.4723,
174.4114, 172.6059

29.0381, 32.3503,
29.7310

197.9096,
214.6317, 213.7904

19.2540, 21.6292,
19.3842

240.7589,
260.6038, 261.0545

11.9591, 13.5847,
11.7686

289.3854,
312.7119, 314.8167

6.7878, 7.8324,
6.4657

344.1546,

3.3749, 3.9879,

371.3407, 375.4955

3.0569

405.4317,
436.8743, 443.5095

■ 1.3550, 1.6668,
1.1238

■ 0.2238, 0.4020,
0.0000

■ 76.9780, 84.4171,
81.3442

■ 76.9780, 84.4171,
81.3442

■ 69.8706, 81.1011,
65.3983

■ 84.8756, 88.0924,
99.7208

■ 63.5198, 78.1221,
51.7760

■ 90.4518, 90.8035,
107.3673

■ 57.8997, 75.4715,
40.3700

■ 52.9804, 73.1364,
31.0629

■ 48.7293, 71.1029,
23.7260

■ 45.1110, 69.3558,
18.2168

■ 42.0858, 67.8782,
14.3734

■ 39.6085, 66.6509,
12.0054

■ 37.6213, 65.6498,
10.8610

Harmonies

Analogous

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



79.3004, 84.4171, 78.3802



76.9780, 84.4171, 81.3442



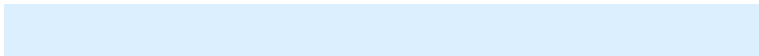
75.5485, 84.4171, 87.1982

Triad

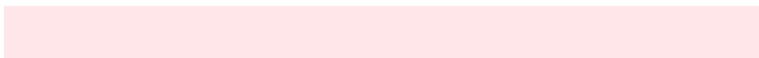
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9780, 84.4171, 81.3442



78.5713, 84.4171, 106.3021



85.3190, 84.4171, 89.2522

Complementary

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



76.9780, 84.4171, 81.3442



75.1315, 75.6920, 93.0927

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.



85.1134, 84.4171, 96.8008



76.9780, 84.4171, 81.3442



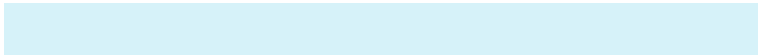
81.1788, 84.4171, 106.9265

Square

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



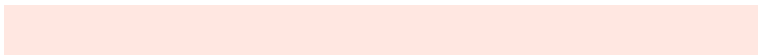
76.9780, 84.4171, 81.3442



76.4543, 84.4171, 101.7038



83.5845, 84.4171, 103.3660



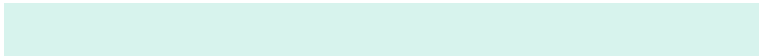
84.1402, 84.4171, 82.7770

Rectangle

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



76.9780, 84.4171, 81.3442



75.2750, 84.4171, 92.0886



83.5845, 84.4171, 103.3660



85.4101, 84.4171, 91.7434

Sweetspot

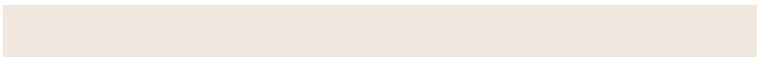
The Sweet Spot groups the original color and five complimentary colors.



76.9803, 84.4207, 81.3460



93.2047, 99.1423, 104.5843



77.9517, 81.4594, 80.7232



19.9690, 21.2295, 22.4305



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.



76.9803, 84.4207, 81.3460



87.0354, 96.2700, 90.3759



74.5926, 83.1758, 81.8659



16.2326, 18.0001, 16.7685



20.5004, 35.8899, 5.8470



1.8181, 3.0438, 0.4917

Inverse Universe

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



75.1315, 75.6920, 93.0927



84.5082, 84.3384, 106.4326



77.6544, 77.0080, 92.5143



15.7373, 15.6618, 19.9152



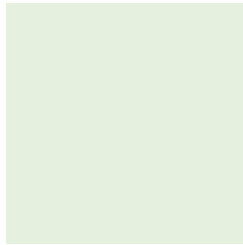
14.0920, 6.2701, 45.5954



1.2866, 0.5805, 3.7985

Previews

White Background



This preview shows how the XYZ color 76.9780, 84.4171, 81.3442 looks on a white background.

Color Contrast Check

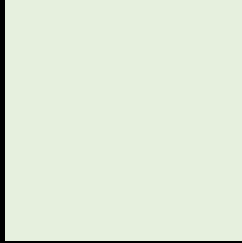
Large Text (above 18pt) WCAG AA × Fail

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 76.9780, 84.4171, 81.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

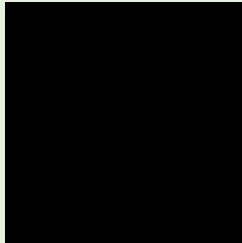
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

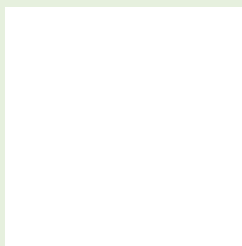
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9780, 84.4171, 81.3442

Background



This preview shows how black text looks on a background with the XYZ color 76.9780, 84.4171, 81.3442.



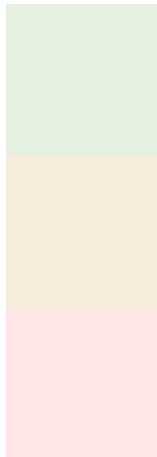
This preview shows how white text looks on a background with the XYZ color 76.9780, 84.4171,

81.3442.

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

76.9780, 84.4171, 81.3442

Protanopia

80.5699, 84.5707, 79.7874

Deuteranopia

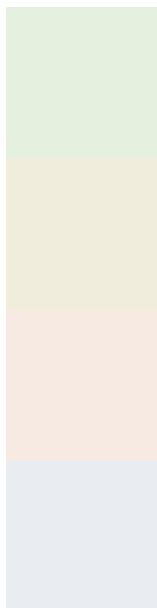
83.9588, 84.0690, 85.9306



Tritanopia

81.8587, 84.2346, 105.7104

Trichromacy



Original Color

76.9780, 84.4171, 81.3442

Protanomaly

79.2705, 84.3141, 80.5029

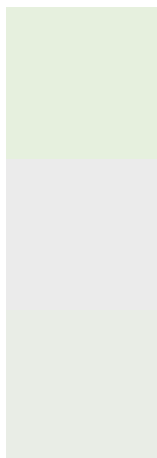
Deuteranomaly

81.1563, 83.9295, 83.8741

Tritanomaly

79.9155, 84.3028, 96.0645

Monochromacy



Original Color

76.9780, 84.4171, 81.3442

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.1714, 83.6052, 86.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9780, 84.4171, 81.3442 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(230, 240, 222) looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 222)  
}
```

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(230, 240, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 222) }
```

Border

The CSS property to change the border of an element to XYZ 76.9780, 84.4171, 81.3442 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(230, 240, 222) }
```


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

```
.border{ border-color:rgb(230, 240, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 240, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 222);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9780, 84.4171, 81.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 222) }
```

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

```
.background{ background-color: rgb(230,  
240, 222) }
```

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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