

Converting Colors

XYZ(76.2810, 84.5138, 78.6876)

Have a look what the booklet for
XYZ(76.2810, 84.5138, 78.6876)
contains.

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Color

**XYZ(76.4233, 84.6306,
78.6371)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F1DA
RGB	229, 241, 218
RGB Percent	90%, 95%, 85%
CMY	0.1020, 0.0549, 0.1451
CMYK	0.05, 0.00, 0.10, 0.05
HSL	91°, 45%, 90%
HSV	91°, 10%, 95%
XYZ	76.4233, 84.6306, 78.6371
YIQ	234.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

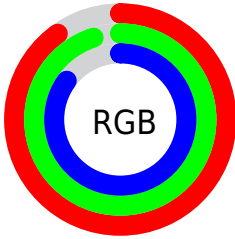
Format	Color
R_{YB}	218, 241, 230
Decimal	15069658
CIE _{Lab}	93.72, -8.00, 9.74
CIE _{LCh}	94, 12.606, 129.418
Yxy	84.6306, 0.3188, 0.3531
Android (android.graphics.Color)	4293259738 (0xFFE5F1DA)
YUV	234.7900, -8.2775, -5.0778
Hunter-Lab	91.9949, -12.7050, 13.7154

Details

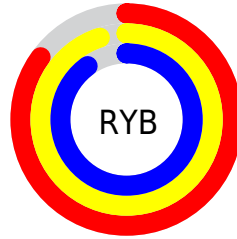
The XYZ color **76.4233, 84.6306, 78.6371** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5851, 73.3190, 93.4972**, and the grayscale version is **78.8688, 82.9761, 90.3610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4154, 46.3409, 41.4122** is the 20% darker color. If you saturate the color by 10%, you get **69.6280, 81.4683, 63.0360**, and if you desaturate by 10%, it is **83.9727, 88.1336, 96.6708**.

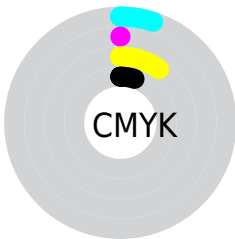
Distribution



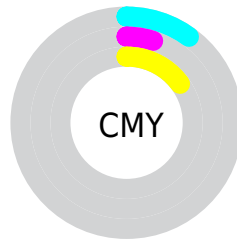
- Red (90%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4233, 84.6306, 78.6371 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 76.4233, 84.6306, 78.6371 by changing the saturation by 10% instead.

76.4233, 84.6306,
78.6371

76.4233, 84.6306,
78.6371

471.7176,
510.4049, 509.9129

57.0779, 63.5362,
58.0779

127.3023,
139.8570, 133.2419

41.3082, 46.2751,
41.4562

159.5666,
174.7577, 168.1246

28.7487, 32.4630,
28.3533

196.8679,
215.0293, 208.6188

19.0341, 21.7154,
18.3508

239.5717,
261.0563, 255.1432

11.7991, 13.6479,
11.0301

288.0432,
313.2229, 308.1163

6.6783, 7.8762,
5.9727

342.6477,

3.3062, 4.0158,

371.9137, 367.9566

2.7599

403.7508,
437.5129, 435.0826

■ 1.3177, 1.6824,
0.9734

■ 0.1964, 0.4122,
0.0000

■ 76.4233, 84.6306,
78.6371

■ 76.4233, 84.6306,
78.6371

■ 69.6280, 81.4683,
63.0360

■ 83.9727, 88.1336,
96.6708

■ 63.5539, 78.6246,
49.7579

■ 90.4367, 91.2341,
107.4511

■ 58.1760, 76.0915,
38.6929

■ 90.7470, 91.3940,
107.4657

■ 53.4648, 73.8565,
29.7204

■ 49.3885, 71.9060,
22.7078

■ 45.9119, 70.2253,
17.5078

■ 42.9960, 68.7978,
13.9520

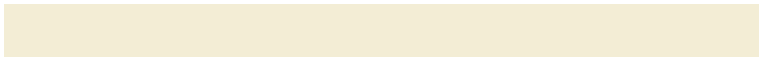
■ 40.5950, 67.6043,
11.8403

■ 38.6402, 66.6164,
10.8532

Harmonies

Analogous

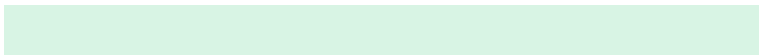
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3909, 84.6306, 75.1436



76.4233, 84.6306, 78.6371



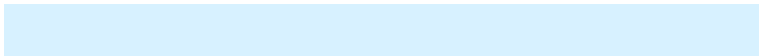
74.5662, 84.6306, 85.8227

Triad

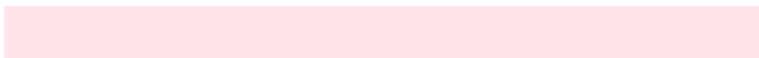
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4233, 84.6306, 78.6371



78.1987, 84.6306, 110.4922



86.9527, 84.6306, 89.1668

Complementary

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



76.4233, 84.6306, 78.6371



73.5851, 73.3190, 93.4972

Split Complementary

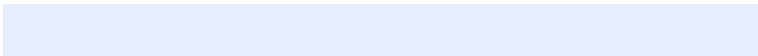
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6120, 84.6306, 98.7773



76.4233, 84.6306, 78.6371



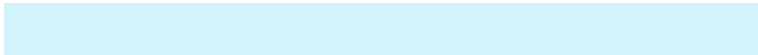
81.4960, 84.6306, 111.5424

Square

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



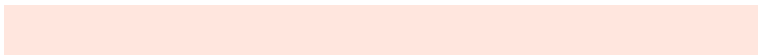
76.4233, 84.6306, 78.6371



75.5713, 84.6306, 104.3473



84.5926, 84.6306, 107.1248



85.5110, 84.6306, 80.9392

Rectangle

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



76.4233, 84.6306, 78.6371



74.1768, 84.6306, 91.9613



84.5926, 84.6306, 107.1248



87.0437, 84.6306, 92.3357

Sweetspot

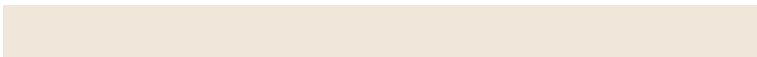
The Sweet Spot groups the original color and five complimentary colors.



76.4256, 84.6343, 78.6389



92.3891, 98.7677, 102.4738



77.1982, 80.2947, 77.7606



19.6257, 21.0711, 21.5753



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.



76.4256, 84.6343, 78.6389



85.6765, 95.6520, 86.5839



73.0764, 82.9019, 78.7444



16.2850, 18.0271, 16.7710



21.0620, 36.1794, 5.8732



1.8664, 3.0687, 0.4939

Inverse Universe

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



73.5851, 73.3190, 93.4972



81.9820, 80.9352, 105.9089



77.1703, 75.1739, 93.3663



15.6844, 15.6345, 19.9127



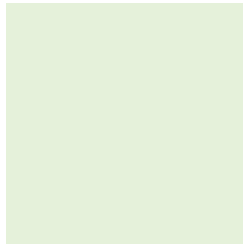
13.4139, 5.9205, 45.5637



1.2308, 0.5517, 3.7958

Previews

White Background



This preview shows how the XYZ color 76.4233, 84.6306, 78.6371 looks on a white background.

Color Contrast Check

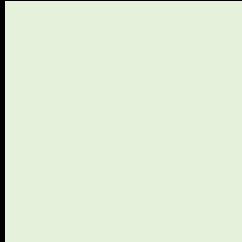
Large Text (above 18pt) WCAG AA × Fail

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 76.4233, 84.6306, 78.6371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

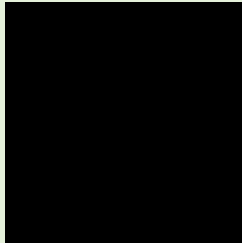
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

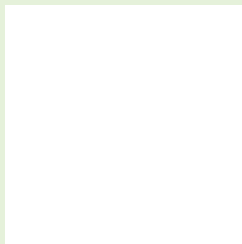
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4233, 84.6306, 78.6371

Background



This preview shows how black text looks on a background with the XYZ color 76.4233, 84.6306, 78.6371.

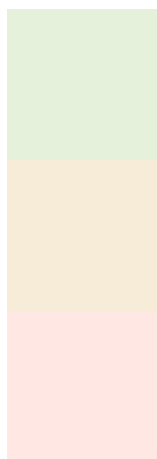


This preview shows how white text looks on a background with the XYZ color 76.4233, 84.6306,

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

76.4233, 84.6306, 78.6371

Protanopia

80.2672, 84.4900, 76.3676

Deuteranopia

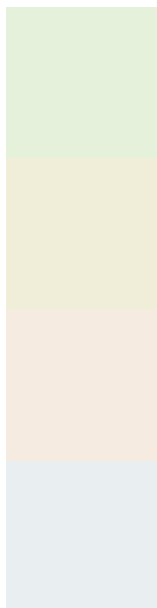
83.9617, 84.5193, 84.5616



Tritanopia

82.1458, 84.8088, 105.8061

Trichromacy



Original Color

76.4233, 84.6306, 78.6371

Protanomaly

78.9044, 84.6322, 77.1427

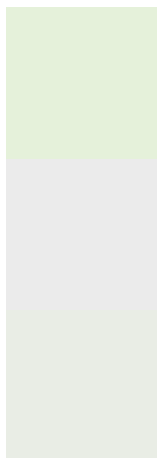
Deuteranomaly

81.1689, 84.3913, 82.5321

Tritanomaly

80.0560, 84.8236, 95.3723

Monochromacy



Original Color

76.4233, 84.6306, 78.6371

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0313, 83.5492, 86.1426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4233, 84.6306, 78.6371 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, 241, 218)` looks like.

```
.text, #text, p{  
    color:rgb(229, 241, 218)  
}
```

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, 241, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 241, 218) }
```

Border

The CSS property to change the border of an element to XYZ 76.4233, 84.6306, 78.6371 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, 241, 218) }
```


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

```
.border{ border-color:rgb(229, 241, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 241, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 241, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 241, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 241,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4233, 84.6306, 78.6371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 241, 218) }
```

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

```
.background{ background-color: rgb(229,  
241, 218) }
```

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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