

Converting Colors

XYZ(78.5275, 85.1076, 79.5423)

Have a look what the booklet for
XYZ(78.5275, 85.1076, 79.5423)
contains.

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Color

**XYZ(78.5383, 85.2675,
79.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF0DB
RGB	236, 240, 219
RGB Percent	93%, 94%, 86%
CMY	0.0745, 0.0588, 0.1412
CMYK	0.02, 0.00, 0.09, 0.06
HSL	71°, 41%, 90%
HSV	71°, 9%, 94%
XYZ	78.5383, 85.2675, 79.3367
YIQ	236.4100, 4.3570, -7.3790

Conversions

Conversions Part 2

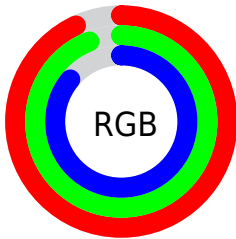
Format	Color
R _Y B	219, 240, 223
Decimal	15528155
CIE Lab	94.00, -4.94, 9.68
CIE LCh	94, 10.868, 117.023
Yxy	85.2675, 0.3230, 0.3507
Android (android.graphics.Color)	4293718235 (0xFFE0F0DB)
YUV	236.4100, -8.5831, -0.3596
Hunter-Lab	92.3404, -9.7761, 13.6977

Details

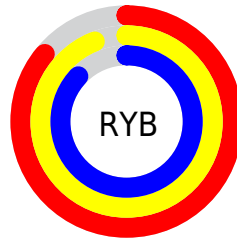
The XYZ color **78.5383, 85.2675, 79.3367** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.4945, 72.6446, 92.6962**, and the grayscale version is **80.1064, 84.2782, 91.7789**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6637, 46.6646, 41.8805** is the 20% darker color. If you saturate the color by 10%, you get **74.1046, 83.3235, 63.8078**, and if you desaturate by 10%, it is **83.4713, 87.4212, 97.2705**.

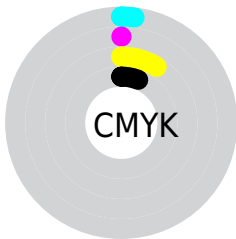
Distribution



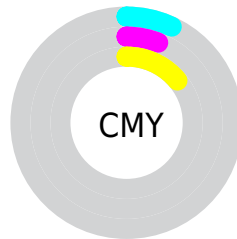
- Red (93%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)




- Cyan (7%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5383, 85.2675, 79.3367 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 78.5383, 85.2675, 79.3367 by changing the saturation by 10% instead.


 78.5383, 85.2675,
79.3367

 78.5383, 85.2675,
79.3367


478.8049,
512.5128, 512.3423

 58.8206, 64.0624,
58.6497


130.2700,
140.7469, 134.2357

 42.7145, 46.7012,
41.9131


163.0148,
175.7899, 169.2849

 29.8547, 32.7995,
28.7082

200.8326,
216.2145, 209.9584

 19.8759, 21.9729,
18.6165

244.0888,
262.4048, 256.6751

 12.4126, 13.8370,
11.2195

293.1488,
314.7455, 309.8532

 7.0995, 8.0074,
6.0986

348.3779,

 3.5713, 4.0997,

373.6207, 369.9114

2.8354

410.1415,
439.4151, 437.2683

■ 1.4626, 1.7295,
1.0112

■ 0.3002, 0.4426,
0.0000

■ 78.5383, 85.2675,
79.3367

■ 78.5383, 85.2675,
79.3367

■ 74.1046, 83.3235,
63.8078

■ 83.4713, 87.4212,
97.2705

■ 70.1434, 81.5702,
50.5761

■ 86.9215, 88.9837,
107.2020

■ 66.6361, 80.0029,
39.5338

■ 88.5392, 89.8176,
107.2778

■ 63.5597, 78.6123,
30.5625

■ 90.1968, 90.6721,
107.3553

■ 60.8894, 77.3886,
23.5324

■ 90.4518, 90.8036,
107.3673

■ 58.5975, 76.3205,
18.2992

■ 56.6524, 75.3955,
14.6986

■ 55.0170, 74.5985,
12.5360

■ 53.6364, 73.9078,
11.5247

Harmonies

Analogous

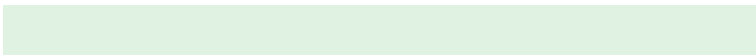
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3340, 85.2675, 77.7969



78.5383, 85.2675, 79.3367



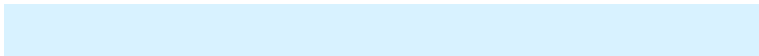
76.4582, 85.2675, 84.4223

Triad

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



78.5383, 85.2675, 79.3367



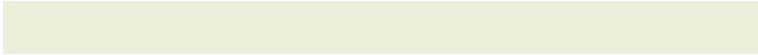
78.0484, 85.2675, 106.8855



86.7383, 85.2675, 93.6732

Complementary

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



78.5383, 85.2675, 79.3367



71.4945, 72.6446, 92.6962

Split Complementary

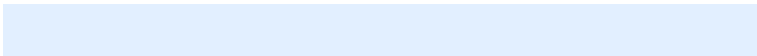
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8100, 85.2675, 101.8033



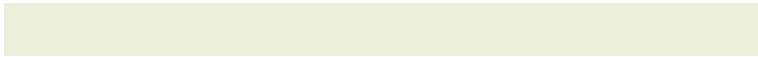
78.5383, 85.2675, 79.3367



80.7551, 85.2675, 109.7111

Square

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



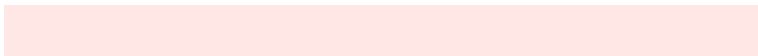
78.5383, 85.2675, 79.3367



76.1802, 85.2675, 100.2842



83.6028, 85.2675, 107.7986



86.1110, 85.2675, 85.7770

Rectangle

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



78.5383, 85.2675, 79.3367



75.7337, 85.2675, 89.3035



83.6028, 85.2675, 107.7986



86.5973, 85.2675, 96.4723

Sweetspot

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



78.5406, 85.2712, 79.3385



93.3080, 99.2414, 102.5168



75.0719, 76.3374, 77.7970



19.8740, 21.1991, 21.5869



0.0000, 0.0000, 0.0000



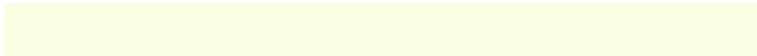
20.3446, 21.4041, 23.3091

Same Dimension

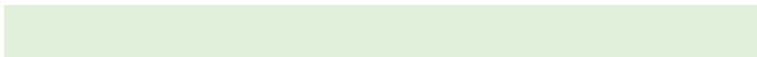
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5406, 85.2712, 79.3385



88.9179, 97.3230, 86.7356



75.2036, 83.5509, 79.1824



16.8103, 18.2979, 16.7956



29.3779, 40.4664, 6.2624



2.5191, 3.4051, 0.5245

Inverse Universe

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



71.4945, 72.6446, 92.6962



78.8810, 79.3366, 105.7638



74.7812, 74.3390, 92.8501



15.1785, 15.3737, 19.8890



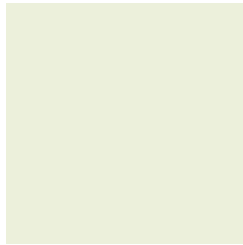
9.3032, 3.8014, 45.3713



0.8503, 0.3556, 3.7780

Previews

White Background



This preview shows how the XYZ color 78.5383, 85.2675, 79.3367 looks on a white background.

Color Contrast Check

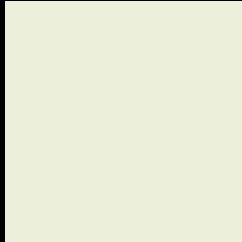
Large Text (above 18pt) WCAG AA × Fail

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 78.5383, 85.2675, 79.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

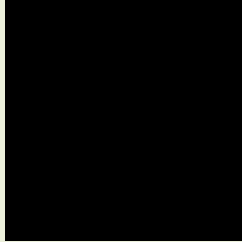
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

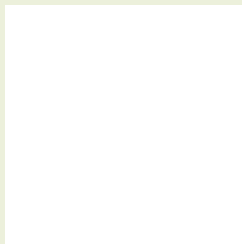
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5383, 85.2675, 79.3367

Background



This preview shows how black text looks on a background with the XYZ color 78.5383, 85.2675, 79.3367.



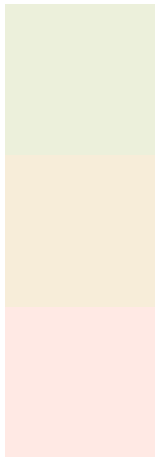
This preview shows how white text looks on a background with the XYZ color 78.5383, 85.2675,

79.3367.

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

78.5383, 85.2675, 79.3367

Protanopia

81.1663, 85.3523, 77.8424

Deuteranopia

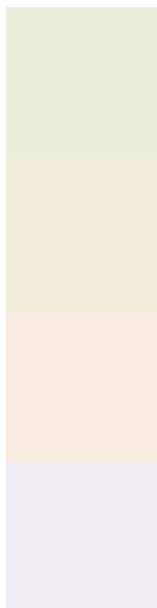
84.3825, 85.1393, 85.3849



Tritanopia

83.7136, 85.2093, 104.9634

Trichromacy



Original Color

78.5383, 85.2675, 79.3367

Protanomaly

80.1916, 85.2657, 78.5610

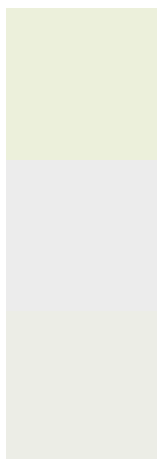
Deuteranomaly

82.2975, 85.3836, 83.3773

Tritanomaly

81.7580, 85.2700, 95.3687

Monochromacy



Original Color

78.5383, 85.2675, 79.3367

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.1592, 84.1144, 86.9265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5383, 85.2675, 79.3367 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(236, 240, 219) looks like.

```
.text, #text, p{  
    color:rgb(236, 240, 219)  
}
```

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(236, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 240, 219) }
```

Border

The CSS property to change the border of an element to XYZ 78.5383, 85.2675, 79.3367 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(236, 240, 219) }
```


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

```
.border{ border-color:rgb(236, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(236, 240,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5383, 85.2675, 79.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 240, 219) }
```

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

```
.background{ background-color: rgb(236,  
240, 219) }
```

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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