

Converting Colors

XYZ(76.0220, 83.7650, 82.9229)

Have a look what the booklet for
XYZ(76.0220, 83.7650, 82.9229)
contains.

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Color

**XYZ(75.9787, 83.8707,
82.7052)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F0E0
RGB	226, 240, 224
RGB Percent	89%, 94%, 88%
CMY	0.1137, 0.0588, 0.1216
CMYK	0.06, 0.00, 0.07, 0.06
HSL	113°, 35%, 91%
HSV	113°, 7%, 94%
XYZ	75.9787, 83.8707, 82.7052
YIQ	233.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

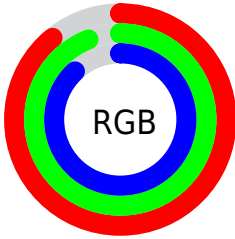
Format	Color
R _Y B	224, 240, 238
Decimal	14872800
CIE Lab	93.39, -7.49, 6.13
CIE LCh	93, 9.676, 140.702
Yxy	83.8707, 0.3132, 0.3458
Android (android.graphics.Color)	4293062880 (0xFFE2F0E0)
YUV	233.9900, -4.9251, -7.0072
Hunter-Lab	91.5809, -12.1769, 10.5629

Details

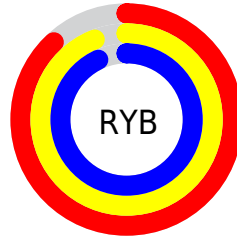
The XYZ color **75.9787, 83.8707, 82.7052** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.6469, 77.7820, 93.3633**, and the grayscale version is **78.2390, 82.3135, 89.6394**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0965, 45.8035, 44.2111** is the 20% darker color. If you saturate the color by 10%, you get **66.7641, 79.4727, 66.4653**, and if you desaturate by 10%, it is **86.4642, 88.8755, 101.4064**.

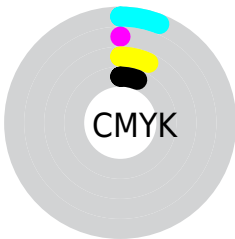
Distribution



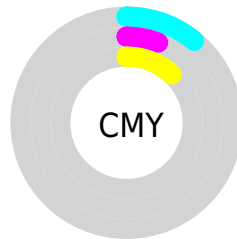
- Red (89%)
- Green (94%)
- Blue (88%)



- Red (88%)
- Yellow (94%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9787, 83.8707, 82.7052 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 75.9787, 83.8707, 82.7052 by changing the saturation by 10% instead.

75.9787, 83.8707,
82.7052

75.9787, 83.8707,
82.7052

470.2203,
507.8838, 523.9487

56.7120, 62.9087,
61.4078

126.6773,
138.7943, 139.0080

41.0133, 45.7673,
44.1217

158.8400,
173.5247, 174.8505

28.5172, 32.0623,
30.4283

196.0320,
213.6133, 216.3785

18.8583, 21.4091,
19.9091

238.6188,
259.4445, 264.0104

11.6714, 13.4233,
12.1455

286.9656,
311.4028, 318.1649

6.5909, 7.7207,
6.7191

341.4379,

3.2516, 3.9168,

369.8725, 379.2604

3.2113

402.4010,
435.2380, 447.7155

■ 1.2882, 1.6271,
1.2035

■ 0.1744, 0.3758,
0.0000

■ 75.9787, 83.8707,
82.7052

■ 75.9787, 83.8707,
82.7052

■ 66.7641, 79.4727,
66.4653

■ 86.4642, 88.8755,
101.4064

■ 58.7651, 75.6482,
52.5790

■ 90.4517, 90.8034,
107.3672

■ 51.9330, 72.3766,
40.9388

■ 46.2126, 69.6323,
31.4267

■ 41.5448, 67.3874,
23.9139

■ 37.8644, 65.6115,
18.2578

■ 35.0992, 64.2708,
14.2967

■ 33.1667, 63.3269,
11.8416

■ 31.9681, 62.7340,
10.6536

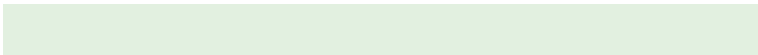
Harmonies

Analogous

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



77.9942, 83.8707, 78.7942



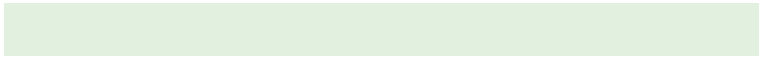
75.9787, 83.8707, 82.7052



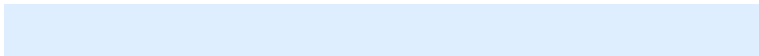
74.9708, 83.8707, 89.0689

Triad

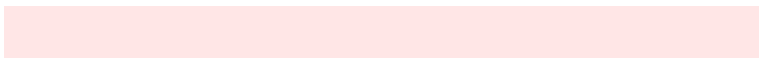
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9787, 83.8707, 82.7052



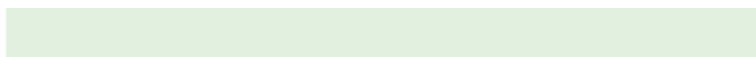
78.9263, 83.8707, 105.9056



84.3961, 83.8707, 86.4418

Complementary

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



75.9787, 83.8707, 82.7052



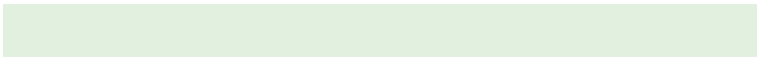
77.6469, 77.7820, 93.3633

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.



84.6585, 83.8707, 93.6106



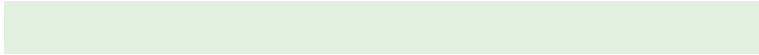
75.9787, 83.8707, 82.7052



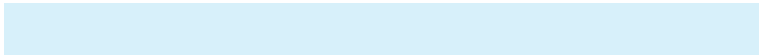
81.4641, 83.8707, 105.1096

Square

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



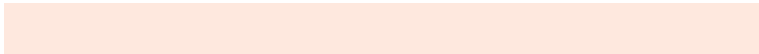
75.9787, 83.8707, 82.7052



76.6485, 83.8707, 102.6353



83.5751, 83.8707, 100.5152



82.8654, 83.8707, 80.8702

Rectangle

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



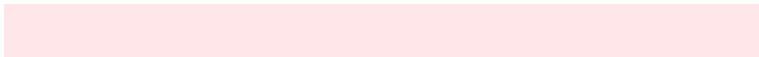
75.9787, 83.8707, 82.7052



74.9909, 83.8707, 93.9560



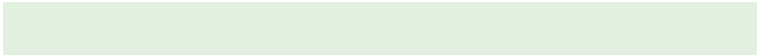
83.5751, 83.8707, 100.5152



84.6368, 83.8707, 88.7356

Sweetspot

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



75.9810, 83.8743, 82.7070



92.6168, 98.8393, 104.5567



79.9290, 84.9825, 82.7128



19.8493, 21.1678, 22.4249



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

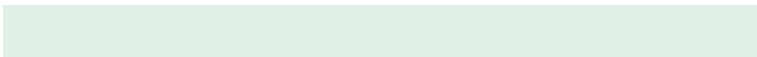
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9810, 83.8743, 82.7070



85.6726, 95.5253, 92.2174



76.1674, 83.8768, 86.9425



15.7494, 17.7510, 16.7459



17.4096, 34.2965, 5.7023



1.5068, 2.8833, 0.4771

Inverse Universe

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



77.6469, 77.7820, 93.3633



87.9523, 87.1876, 106.8010



77.4642, 77.7869, 88.8770



16.2486, 15.9254, 19.9391



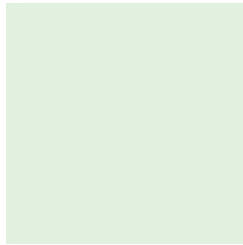
23.2387, 10.9854, 46.0234



1.9872, 0.9417, 3.8312

Previews

White Background



This preview shows how the XYZ color 75.9787, 83.8707, 82.7052 looks on a white background.

Color Contrast Check

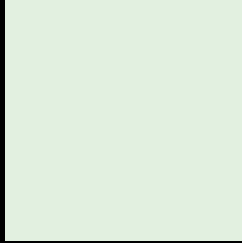
Large Text (above 18pt) WCAG AA × Fail

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 75.9787, 83.8707, 82.7052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

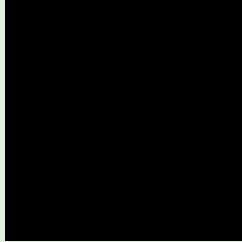
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

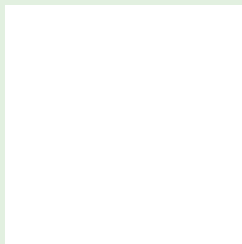
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9787, 83.8707, 82.7052

Background



This preview shows how black text looks on a background with the XYZ color 75.9787, 83.8707, 82.7052.



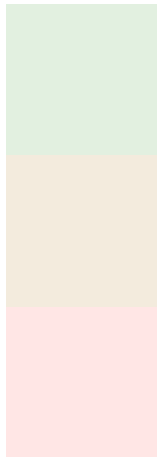
This preview shows how white text looks on a background with the XYZ color 75.9787, 83.8707,

82.7052.

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

75.9787, 83.8707, 82.7052

Protanopia

79.7216, 83.6918, 80.3590

Deuteranopia

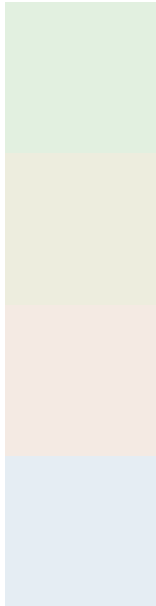
83.6797, 83.5108, 85.8375



Tritanopia

80.8398, 84.1356, 105.7450

Trichromacy



Original Color

75.9787, 83.8707, 82.7052

Protanomaly

78.3941, 83.8468, 81.1595

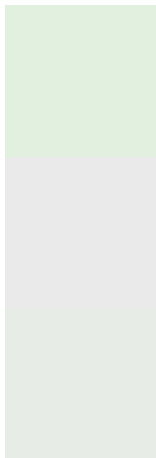
Deuteranomaly

80.5962, 83.6248, 84.5664

Tritanomaly

78.7749, 83.6975, 96.7974

Monochromacy



Original Color

75.9787, 83.8707, 82.7052

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.2334, 82.6930, 86.7536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9787, 83.8707, 82.7052 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(226, 240, 224) looks like.

```
.text, #text, p{  
    color:rgb(226, 240, 224)  
}
```

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(226, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 240, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.9787, 83.8707, 82.7052 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(226, 240, 224) }
```


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

```
.border{ border-color:rgb(226, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(226, 240,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9787, 83.8707, 82.7052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 240, 224) }
```

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

```
.background{ background-color: rgb(226,  
240, 224) }
```

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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