

Converting Colors

XYZ(78.5968, 85.3539, 77.2802)

Have a look what the booklet for
XYZ(78.5968, 85.3539, 77.2802)
contains.

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Color

**XYZ(78.4798, 85.2826,
77.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF0D8
RGB	237, 240, 216
RGB Percent	93%, 94%, 85%
CMY	0.0706, 0.0588, 0.1529
CMYK	0.01, 0.00, 0.10, 0.06
HSL	68°, 44%, 89%
HSV	68°, 10%, 94%
XYZ	78.4798, 85.2826, 77.2906
YIQ	236.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

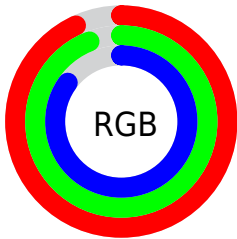
Format	Color
R_{YB}	216, 240, 219
Decimal	15593688
CIE _{Lab}	94.00, -5.08, 11.25
CIE _{LCh}	94, 12.348, 114.306
Yxy	85.2826, 0.3256, 0.3538
Android (android.graphics.Color)	4293783768 (0xFFEDF0D8)
YUV	236.3670, -10.0409, 0.5551
Hunter-Lab	92.3486, -9.9169, 15.0216

Details

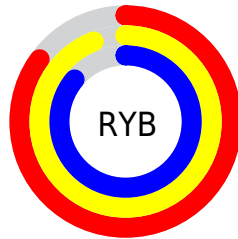
The XYZ color **78.4798, 85.2826, 77.2906** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.5008, 70.4654, 92.3808**, and the grayscale version is **80.0834, 84.2540, 91.7526**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6296, 46.6779, 40.4811** is the 20% darker color. If you saturate the color by 10%, you get **74.6069, 83.6213, 62.0782**, and if you desaturate by 10%, it is **82.8274, 87.1413, 94.8944**.

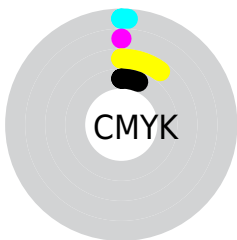
Distribution



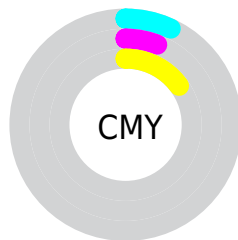
- Red (93%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4798, 85.2826, 77.2906 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 78.4798, 85.2826, 77.2906 by changing the saturation by 10% instead.

78.4798, 85.2826,
77.2906

78.4798, 85.2826,
77.2906

478.6097,
512.5627, 505.2182

58.7724, 64.0749,
56.9784

130.1881,
140.7679, 131.3264

42.6756, 46.7114,
40.5787

162.9196,
175.8144, 165.8870

29.8241, 32.8075,
27.6728

200.7232,
216.2425, 206.0343

19.8525, 21.9790,
17.8423

243.9642,
262.4368, 252.1867

12.3955, 13.8415,
10.6685

293.0080,
314.7815, 304.7627

7.0877, 8.0105,
5.7331

348.2200,

3.5639, 4.1017,

373.6612, 364.1810

2.6173

409.9654,
439.4601, 430.8599

■ 1.4585, 1.7306,
0.9014

■ 0.2973, 0.4434,
0.0000

■ 78.4798, 85.2826,
77.2906

■ 78.4798, 85.2826,
77.2906

■ 74.6069, 83.6213,
62.0782

■ 82.8274, 87.1413,
94.8944

■ 71.1822, 82.1384,
49.1487

■ 86.1774, 88.6001,
107.1672

■ 68.1868, 80.8292,
38.3933

■ 87.2229, 89.1391,
107.2162

■ 65.5980, 79.6845,
29.6924

■ 88.2855, 89.6869,
107.2659

63.3907, 78.6944,
22.9145

89.3652, 90.2435,
107.3164

61.5371, 77.8476,
17.9133

90.4518, 90.8037,
107.3673

60.0052, 77.1314,
14.5213

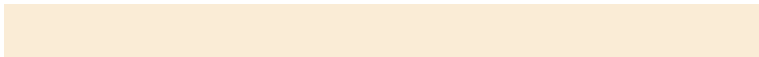
58.7571, 76.5305,
12.5390

57.7291, 76.0196,
11.6306

Harmonies

Analogous

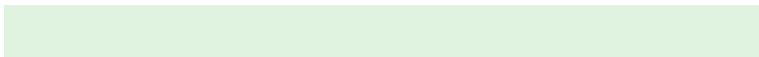
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6885, 85.2826, 75.9551



78.4798, 85.2826, 77.2906



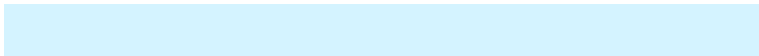
76.0235, 85.2826, 82.6732

Triad

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



78.4798, 85.2826, 77.2906



77.4195, 85.2826, 108.3802



87.5248, 85.2826, 94.6694

Complementary

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



78.4798, 85.2826, 77.2906



69.5008, 70.4654, 92.3808

Split Complementary

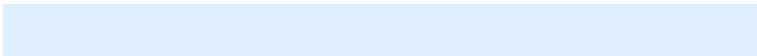
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3112, 85.2826, 103.8473



78.4798, 85.2826, 77.2906



80.4318, 85.2826, 112.0997

Square

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



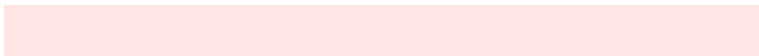
78.4798, 85.2826, 77.2906



75.4230, 85.2826, 100.5252



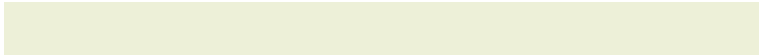
83.6932, 85.2826, 110.3874



86.9681, 85.2826, 85.5914

Rectangle

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



78.4798, 85.2826, 77.2906



75.1135, 85.2826, 88.0381



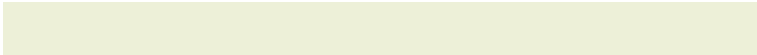
83.6932, 85.2826, 110.3874



87.3093, 85.2826, 97.8512

Sweetspot

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



78.4821, 85.2863, 77.2924



93.4911, 99.3359, 102.5254



73.6121, 74.0442, 75.3792



19.9236, 21.2247, 21.5893



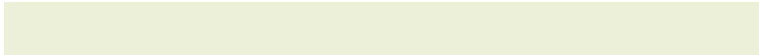
0.0000, 0.0000, 0.0000



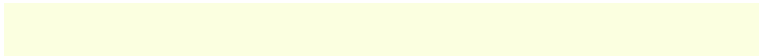
20.3446, 21.4041, 23.3091

Same Dimension

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



78.4821, 85.2863, 77.2924



89.1136, 97.4643, 84.9215



74.6715, 83.3219, 77.1141



16.9168, 18.3528, 16.8005



31.6782, 41.6523, 6.3701



2.6894, 3.4929, 0.5325

Inverse Universe

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



69.5008, 70.4654, 92.3808



76.8814, 77.2783, 105.4719



73.1773, 72.3607, 92.5528



15.0811, 15.3235, 19.8845



8.9628, 3.6259, 45.3553



0.8042, 0.3318, 3.7759

Previews

White Background



This preview shows how the XYZ color 78.4798, 85.2826, 77.2906 looks on a white background.

Color Contrast Check

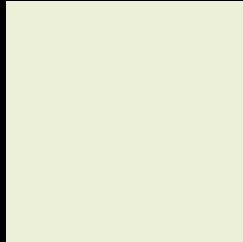
Large Text (above 18pt) WCAG AA × Fail

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 78.4798, 85.2826, 77.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

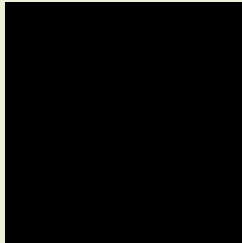
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

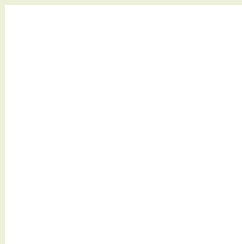
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4798, 85.2826, 77.2906

Background



This preview shows how black text looks on a background with the XYZ color 78.4798, 85.2826, 77.2906.



This preview shows how white text looks on a background with the XYZ color 78.4798, 85.2826, 77.2906.

77.2906.

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

78.4798, 85.2826, 77.2906

Protanopia

80.7796, 85.1976, 75.8056

Deuteranopia

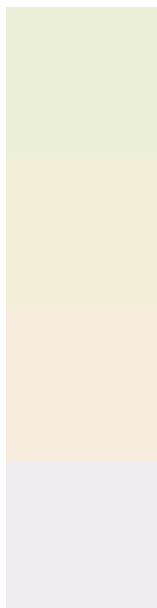
84.2440, 85.0839, 84.6557



Tritanopia

84.0559, 85.3858, 104.9794

Trichromacy



Original Color

78.4798, 85.2826, 77.2906

Protanomaly

79.8024, 85.1101, 76.5118

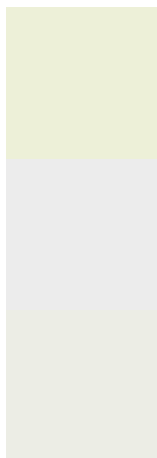
Deuteranomaly

82.0261, 85.2751, 81.9485

Tritanomaly

81.9475, 85.3849, 94.5999

Monochromacy



Original Color

78.4798, 85.2826, 77.2906

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.0191, 84.0584, 86.1889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4798, 85.2826, 77.2906 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(237, 240, 216) looks like.

```
.text, #text, p{  
    color:rgb(237, 240, 216)  
}
```

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(237, 240, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 240, 216) }
```

Border

The CSS property to change the border of an element to XYZ 78.4798, 85.2826, 77.2906 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(237, 240, 216) }
```


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

```
.border{ border-color:rgb(237, 240, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 240, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 240, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 240, 216);  
box-shadow:4px 4px 4px 4px rgb(237, 240,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4798, 85.2826, 77.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 240, 216) }
```

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

```
.background{ background-color: rgb(237,  
240, 216) }
```

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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