

Converting Colors

XYZ(78.7822, 82.9278, 76.9634)

Have a look what the booklet for
XYZ(78.7822, 82.9278, 76.9634)
contains.

XYZ(78.7796, 82.8582, 76.8068)	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(78.7796, 82.8582,
76.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EAD8
RGB	243, 234, 216
RGB Percent	95%, 92%, 85%
CMY	0.0471, 0.0823, 0.1529
CMYK	0.00, 0.04, 0.11, 0.05
HSL	40°, 53%, 90%
HSV	40°, 11%, 95%
XYZ	78.7796, 82.8582, 76.8068
YIQ	234.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

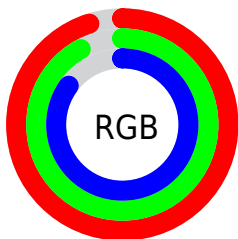
Format	Color
R_{YB}	230, 243, 216
Decimal	15985368
CIE _{Lab}	92.95, 0.05, 9.81
CIE _{LCh}	93, 9.812, 89.706
Yxy	82.8582, 0.3304, 0.3475
Android (android.graphics.Color)	4294175448 (0xFFFF3EAD8)
YUV	234.6390, -9.1890, 7.3326
Hunter-Lab	91.0265, -4.8121, 13.6905

Details

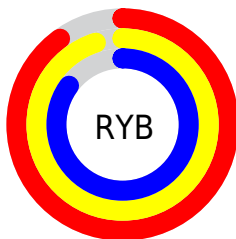
The XYZ color **78.7796, 82.8582, 76.8068** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.4215, 74.9189, 95.4912**, and the grayscale version is **78.7548, 82.8562, 90.2304**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8469, 44.9788, 40.1417** is the 20% darker color. If you saturate the color by 10%, you get **73.6158, 77.1913, 60.7154**, and if you desaturate by 10%, it is **84.5179, 88.9289, 95.3837**.

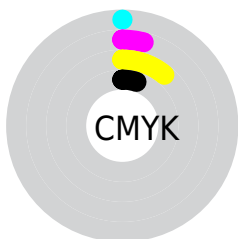
Distribution



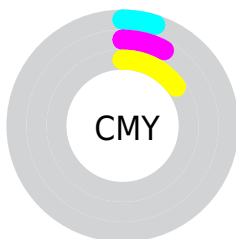
- Red (95%)
- Green (92%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7796, 82.8582, 76.8068 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 78.7796, 82.8582, 76.8068 by changing the saturation by 10% instead.

78.7796, 82.8582,
76.8068

78.7796, 82.8582,
76.8068

479.6098,
504.5138, 503.5252

59.0196, 62.0732,
56.5837

130.6081,
137.3768, 130.6372

42.8753, 45.0918,
40.2640

163.4073,
171.8793, 165.0817

29.9814, 31.5298,
27.4291

201.2837,
211.7229, 205.1036

19.9725, 21.0026,
17.6604

244.6025,
257.2922, 251.1217

12.4832, 13.1259,
10.5396

293.7292,
308.9716, 303.5543

7.1482, 7.5153,
5.6479

349.0291,

3.6021, 3.7864,

367.1454, 362.8201

2.5669

410.8675,
432.1980, 429.3375

■ 1.4796, 1.5548,
0.8753

■ 0.3119, 0.3268,
0.0000

■ 78.7796, 82.8582,
76.8068

■ 78.7796, 82.8582,
76.8068

■ 73.6158, 77.1913,
60.7154

■ 84.5179, 88.9289,
95.3837

■ 68.9980, 71.9065,
46.9969

■ 89.2594, 94.7688,
108.1955

■ 64.9053, 66.9956,
35.5375

■ 90.7725, 97.7948,
108.6998

■ 61.3125, 62.4465,
26.2121

■ 58.1922, 58.2456,
18.8835

■ 55.5138, 54.3785,
13.3979

■ 53.2423, 50.8286,
9.5793

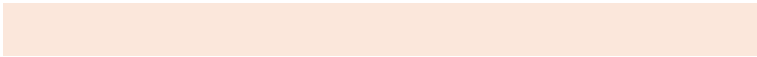
■ 51.3362, 47.5768,
7.2166

■ 49.8905, 44.9110,
6.0392

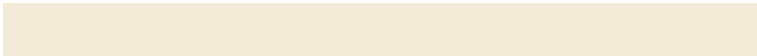
Harmonies

Analogous

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



81.2707, 82.8582, 78.5538



78.7796, 82.8582, 76.8068



76.3333, 82.8582, 78.4876

Triad

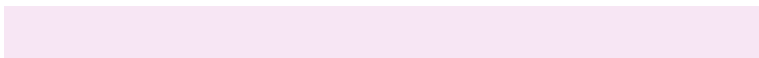
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7796, 82.8582, 76.8068



74.5439, 82.8582, 97.4071



83.0939, 82.8582, 97.5396

Complementary

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



78.7796, 82.8582, 76.8068



71.4215, 74.9189, 95.4912

Split Complementary

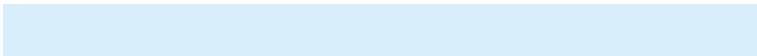
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2258, 82.8582, 103.0636



78.7796, 82.8582, 76.8068



76.2903, 82.8582, 102.9842

Square

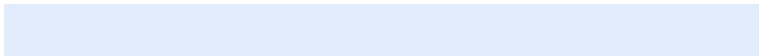
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



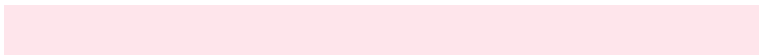
78.7796, 82.8582, 76.8068



73.9203, 82.8582, 90.1459



78.7289, 82.8582, 105.1071



83.7944, 82.8582, 90.2912

Rectangle

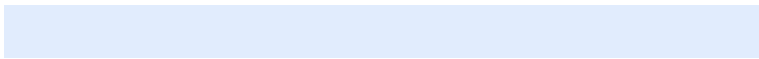
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7796, 82.8582, 76.8068



75.0488, 82.8582, 81.3810



78.7289, 82.8582, 105.1071



82.5797, 82.8582, 99.6737

Sweetspot

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



78.7819, 82.8618, 76.8086



93.0349, 97.9017, 102.2726



75.1096, 73.6038, 81.4834



19.8002, 20.8364, 21.5208



0.0000, 0.0000, 0.0000



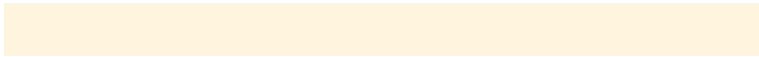
20.3446, 21.4041, 23.3091

Same Dimension

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



78.7819, 82.8618, 76.8086



86.7421, 91.2007, 82.0336



79.8741, 87.3237, 77.6122



17.4224, 18.3290, 17.4172



27.5105, 24.9066, 3.3575



2.5121, 2.3775, 0.3265

Inverse Universe

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



71.4215, 74.9189, 95.4912



77.2372, 80.9438, 106.1606



70.4013, 70.8777, 94.7649



16.0322, 16.8287, 20.9458



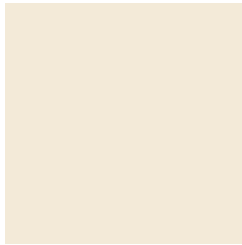
10.6024, 6.9986, 47.3301



1.0225, 0.7964, 4.1901

Previews

White Background



This preview shows how the XYZ color 78.7796, 82.8582, 76.8068 looks on a white background.

Color Contrast Check

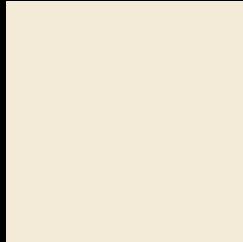
Large Text (above 18pt) WCAG AA × Fail

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 78.7796, 82.8582, 76.8068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

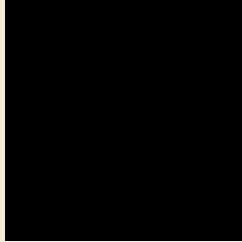
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7796, 82.8582, 76.8068

Background



This preview shows how black text looks on a background with the XYZ color 78.7796, 82.8582, 76.8068.

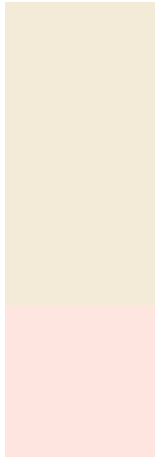


This preview shows how white text looks on a background with the XYZ color 78.7796, 82.8582,

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

78.7796, 82.8582, 76.8068

Protanopia

78.7796, 82.8582, 76.8068

Deuteranopia

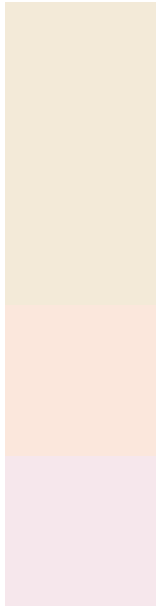
82.5786, 82.6263, 81.4082



Tritanopia

83.1656, 82.5282, 99.5419

Trichromacy



Original Color

78.7796, 82.8582, 76.8068

Protanomaly

78.7796, 82.8582, 76.8068

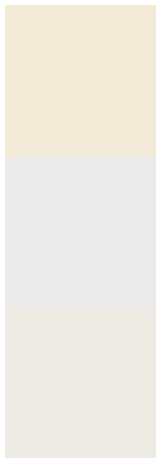
Deuteranomaly

81.2778, 82.8284, 79.4138

Tritanomaly

81.7223, 82.8008, 91.0318

Monochromacy



Original Color

78.7796, 82.8582, 76.8068

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.9718, 83.1952, 85.2948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7796, 82.8582, 76.8068 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(243, 234, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 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(243, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 216) }
```

Border

The CSS property to change the border of an element to XYZ 78.7796, 82.8582, 76.8068 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(243, 234, 216) }
```


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

```
.border{ border-color:rgb(243, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7796, 82.8582, 76.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 216) }
```

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

```
.background{ background-color: rgb(243,  
234, 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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