

Converting Colors

XYZ(79.0595, 84.2293, 68.7968)

Have a look what the booklet for
XYZ(79.0595, 84.2293, 68.7968)
contains.

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Color

**XYZ(78.7810, 83.8955,
68.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ECCB
RGB	246, 236, 203
RGB Percent	96%, 93%, 80%
CMY	0.0353, 0.0745, 0.2039
CMYK	0.00, 0.04, 0.17, 0.04
HSL	46°, 70%, 88%
HSV	46°, 17%, 96%
XYZ	78.7810, 83.8955, 68.5412
YIQ	235.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

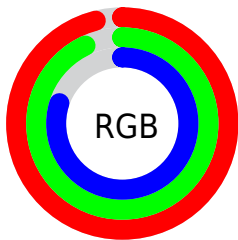
Format	Color
R _Y B	216, 246, 203
Decimal	16182475
CIE Lab	93.41, -1.90, 17.22
CIE LCh	93, 17.327, 96.290
Yxy	83.8955, 0.3407, 0.3628
Android (android.graphics.Color)	4294372555 (0xFFF6ECCB)
YUV	235.2280, -15.8884, 9.4470
Hunter-Lab	91.5945, -6.7614, 19.7488

Details

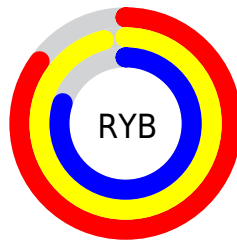
The XYZ color **78.7810, 83.8955, 68.5412** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.0573, 66.9375, 96.6808**, and the grayscale version is **79.2496, 83.3768, 90.7973**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7323, 45.6313, 34.9892** is the 20% darker color. If you saturate the color by 10%, you get **74.4596, 79.5775, 53.7669**, and if you desaturate by 10%, it is **83.6248, 88.5125, 85.7866**.

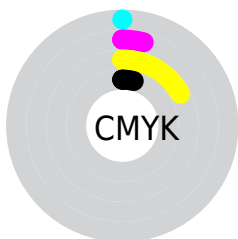
Distribution



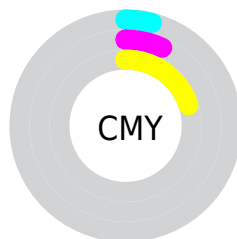
- Red (96%)
- Green (93%)
- Blue (80%)



- Red (85%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7810, 83.8955, 68.5412 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 78.7810, 83.8955, 68.5412 by changing the saturation by 10% instead.

78.7810, 83.8955,
68.5412

78.7810, 83.8955,
68.5412

479.6145,
507.9662, 474.0612

59.0208, 62.9292,
49.8687

130.6101,
138.8290, 118.7876

42.8763, 45.7839,
34.9386

163.4096,
173.5649, 151.1985

29.9822, 32.0753,
23.3324

201.2863,
213.6595, 189.0260

19.9730, 21.4190,
14.6316

244.6055,
259.4972, 232.6887

12.4836, 13.4307,
8.4175

293.7326,
311.4623, 282.6050

7.1485, 7.7258,
4.2716

349.0329,

3.6023, 3.9200,

369.9392, 339.1935

1.7755

410.8717,
435.3124, 402.8727

■ 1.4797, 1.6289,
0.4117

■ 0.3120, 0.3770,
0.0000

■ 78.7810, 83.8955,
68.5412

■ 78.7810, 83.8955,
68.5412

■ 74.4596, 79.5775,
53.7669

■ 83.6248, 88.5125,
85.7866

■ 70.6316, 75.5375,
41.3429

■ 89.0053, 93.4265,
105.6055

■ 67.2750, 71.7689,
31.1463

■ 91.2323, 97.1649,
108.5540

■ 64.3635, 68.2604,
23.0407

■ 91.8163, 98.3330,
108.7487

■ 61.8679, 64.9993,
16.8750

■ 59.7551, 61.9717,
12.4774

■ 57.9862, 59.1612,
9.6457

■ 56.5103, 56.5466,
8.1142

■ 56.1651, 55.9105,
7.8316

Harmonies

Analogous

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



83.3271, 83.8955, 70.1835



78.7810, 83.8955, 68.5412



74.6500, 83.8955, 72.5227

Triad

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



78.7810, 83.8955, 68.5412



72.8630, 83.8955, 107.0721



88.0618, 83.8955, 101.8488

Complementary

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



78.7810, 83.8955, 68.5412



65.0573, 66.9375, 96.6808

Split Complementary

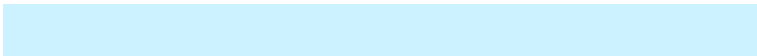
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0566, 83.8955, 113.1779



78.7810, 83.8955, 68.5412



76.2577, 83.8955, 116.3894

Square

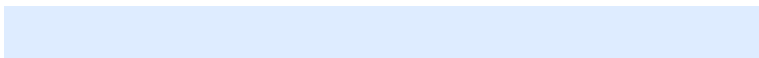
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7810, 83.8955, 68.5412



71.3185, 83.8955, 94.1338



80.7071, 83.8955, 118.7240



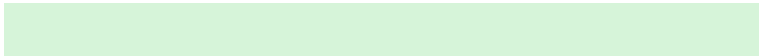
88.8000, 83.8955, 88.6176

Rectangle

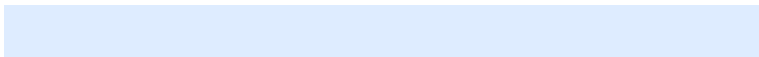
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7810, 83.8955, 68.5412



72.6495, 83.8955, 78.0771



80.7071, 83.8955, 118.7240



87.2778, 83.8955, 106.0432

Sweetspot

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



78.7832, 83.8992, 68.5430



92.1264, 97.3295, 98.1323



71.3774, 67.1117, 72.1659



19.6335, 20.7536, 20.6927



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.



78.7832, 83.8992, 68.5430



83.7525, 89.3320, 68.3649



77.8432, 87.8070, 69.3468



17.5691, 18.6222, 17.4660



30.0907, 30.0670, 4.2176



2.7220, 2.7972, 0.3965

Inverse Universe

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



65.0573, 66.9375, 96.6808



66.2792, 67.7412, 104.1898



65.8595, 63.7334, 96.0201



15.8937, 16.5517, 20.8997



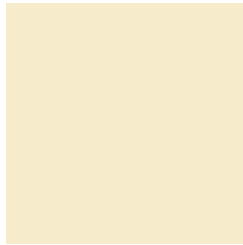
9.7526, 5.2990, 47.0468



0.9325, 0.6164, 4.1601

Previews

White Background



This preview shows how the XYZ color 78.7810, 83.8955, 68.5412 looks on a white background.

Color Contrast Check

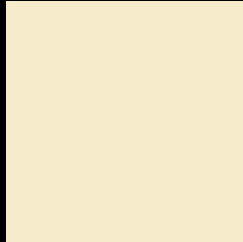
Large Text (above 18pt) WCAG AA × Fail

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 78.7810, 83.8955, 68.5412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

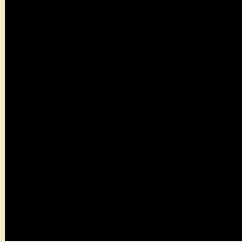
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7810, 83.8955, 68.5412

Background



This preview shows how black text looks on a background with the XYZ color 78.7810, 83.8955, 68.5412.

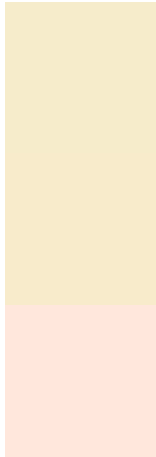


This preview shows how white text looks on a background with the XYZ color 78.7810, 83.8955,

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

78.7810, 83.8955, 68.5412

Protanopia

79.1992, 83.6849, 68.4785

Deuteranopia

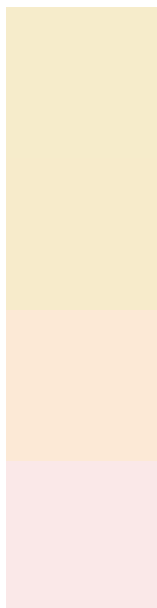
82.7342, 83.5791, 79.4820



Tritanopia

85.3850, 84.0664, 100.5331

Trichromacy



Original Color

78.7810, 83.8955, 68.5412

Protanomaly

78.8456, 83.5026, 68.4619

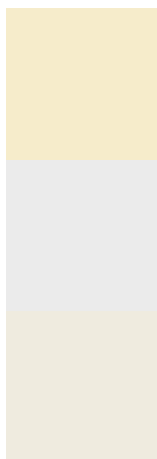
Deuteranomaly

81.4214, 83.8283, 75.5074

Tritanomaly

82.8464, 83.8634, 88.1647

Monochromacy



Original Color

78.7810, 83.8955, 68.5412

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.6242, 83.0951, 81.7071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7810, 83.8955, 68.5412 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(246, 236, 203) looks like.

```
.text, #text, p{  
    color:rgb(246, 236, 203)  
}
```

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(246, 236, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 236, 203) }
```

Border

The CSS property to change the border of an element to XYZ 78.7810, 83.8955, 68.5412 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(246, 236, 203) }
```


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

```
.border{ border-color:rgb(246, 236, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 236, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 236, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 236, 203);  
box-shadow:4px 4px 4px 4px rgb(246, 236,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7810, 83.8955, 68.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 236, 203) }
```

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

```
.background{ background-color: rgb(246,  
236, 203) }
```

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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