

Converting Colors

XYZ(77.9659, 79.6100, 77.5052)

Have a look what the booklet for
XYZ(77.9659, 79.6100, 77.5052)
contains.

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Color

**XYZ(77.7802, 79.4126,
77.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E3DA
RGB	245, 227, 218
RGB Percent	96%, 89%, 85%
CMY	0.0392, 0.1098, 0.1451
CMYK	0.00, 0.07, 0.11, 0.04
HSL	20°, 57%, 91%
HSV	20°, 11%, 96%
XYZ	77.7802, 79.4126, 77.5584
YIQ	231.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

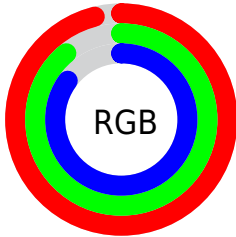
Format	Color
R _Y B	245, 232, 218
Decimal	16114650
CIE Lab	91.42, 4.66, 6.59
CIE LCh	91, 8.072, 54.757
Yxy	79.4126, 0.3313, 0.3383
Android (android.graphics.Color)	4294304730 (0xFFF5E3DA)
YUV	231.3560, -6.5845, 11.9658
Hunter-Lab	89.1137, -0.1508, 10.7777

Details

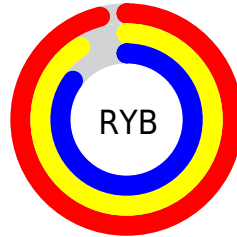
The XYZ color **77.7802, 79.4126, 77.5584** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3901, 81.4875, 98.1423**, and the grayscale version is **76.2631, 80.2347, 87.3756**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3496, 42.9682, 40.7120** is the 20% darker color. If you saturate the color by 10%, you get **70.5522, 69.7133, 60.4834**, and if you desaturate by 10%, it is **85.9101, 90.1558, 97.2740**.

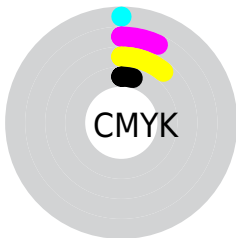
Distribution



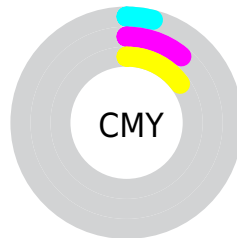
- Red (96%)
- Green (89%)
- Blue (85%)



- Red (96%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7802, 79.4126, 77.5584 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 77.7802, 79.4126, 77.5584 by changing the saturation by 10% instead.


 77.7802, 79.4126,
77.5584

 77.7802, 79.4126,
77.5584

476.2713,
492.9510, 506.1539

 58.1956, 59.2351,
57.1970


129.2072,
132.5396, 131.7076

 42.2098, 42.8024,
40.7530


161.7804,
166.2578, 166.3325

 29.4574, 29.7301,
27.8079


199.4137,
205.2584, 206.5490

 19.5731, 19.6338,
17.9431

242.4727,
249.9258, 252.7756

 12.1916, 12.1292,
10.7401

291.3225,
300.6444, 305.4308

 6.9474, 6.8317,
5.7804

346.3287,

 3.4753, 3.3571,

357.7985, 364.9333

2.6454

407.8565,
421.7726, 431.7015

■ 1.4098, 1.3209,
0.9158

■ 0.2632, 0.1573,
0.0000

■ 77.7802, 79.4126,
77.5584

■ 77.7802, 79.4126,
77.5584

■ 70.5522, 69.7133,
60.4834

■ 85.9101, 90.1558,
97.2740

■ 64.1873, 61.0155,
45.9310

■ 91.4666, 98.1527,
108.7323

■ 58.6529, 53.2894,
33.7814

■ 53.9123, 46.4996,
23.9035

■ 49.9253, 40.6086,
16.1532

■ 46.6480, 35.5758,
10.3696

■ 44.0313, 31.3572,
6.3687

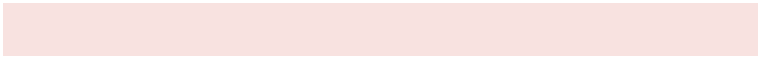
■ 42.0181, 27.9041,
3.9305

■ 40.6518, 25.4031,
2.7607

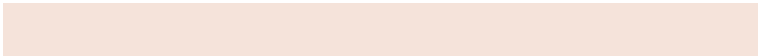
Harmonies

Analogous

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



79.1211, 79.4126, 81.8184



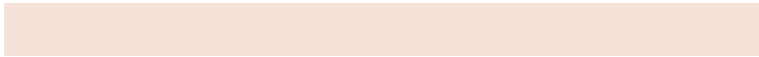
77.7802, 79.4126, 77.5584



75.8406, 79.4126, 75.6903

Triad

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



77.7802, 79.4126, 77.5584



71.6162, 79.4126, 85.4378



77.1445, 79.4126, 97.1448

Complementary

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



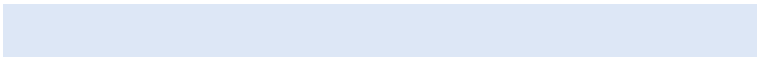
77.7802, 79.4126, 77.5584



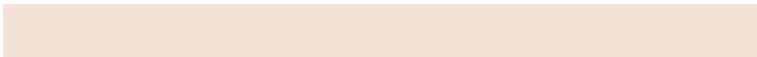
75.3901, 81.4875, 98.1423

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.



75.1191, 79.4126, 98.2205



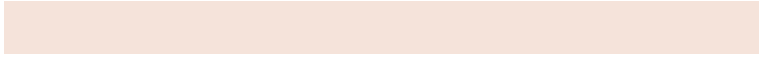
77.7802, 79.4126, 77.5584



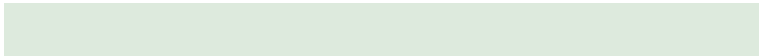
71.9510, 79.4126, 91.2880

Square

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



77.7802, 79.4126, 77.5584



72.3010, 79.4126, 80.1057



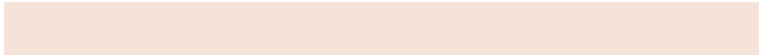
73.2242, 79.4126, 96.0325



78.7494, 79.4126, 93.1560

Rectangle

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



77.7802, 79.4126, 77.5584



74.4783, 79.4126, 75.9886



73.2242, 79.4126, 96.0325



76.4892, 79.4126, 97.8665

Sweetspot

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



77.7824, 79.4161, 77.5601



92.2375, 96.3069, 102.0068



77.8690, 75.6126, 89.8485



19.5850, 20.4062, 21.4491



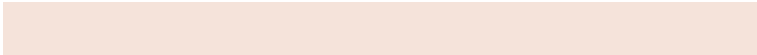
0.0000, 0.0000, 0.0000



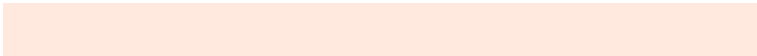
20.3446, 21.4041, 23.3091

Same Dimension

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



77.7824, 79.4161, 77.5601



83.5168, 84.7501, 80.9585



81.6196, 87.0904, 78.8392



16.9506, 17.3854, 17.2599



22.0131, 13.9118, 1.5250



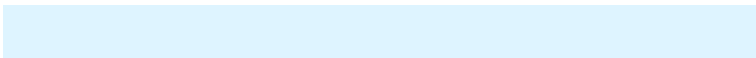
2.0254, 1.4041, 0.1643

Inverse Universe

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



75.3901, 81.4875, 98.1423



80.4623, 87.3940, 107.2357



71.6503, 74.0077, 96.8957



16.5040, 17.7722, 21.1031



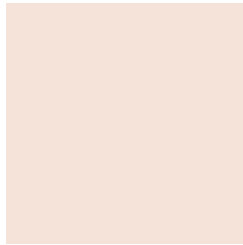
16.0953, 17.9844, 49.1611



1.5089, 1.7691, 4.3522

Previews

White Background



This preview shows how the XYZ color 77.7802, 79.4126, 77.5584 looks on a white background.

Color Contrast Check

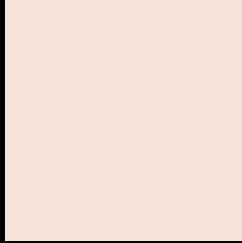
Large Text (above 18pt) WCAG AA × Fail

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 77.7802, 79.4126, 77.5584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

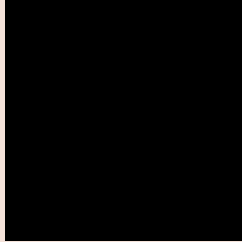
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

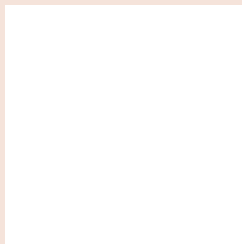
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7802, 79.4126, 77.5584

Background



This preview shows how black text looks on a background with the XYZ color 77.7802, 79.4126, 77.5584.



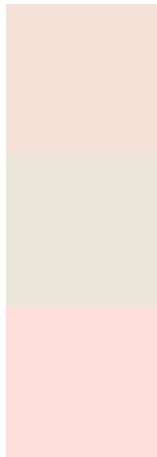
This preview shows how white text looks on a background with the XYZ color 77.7802, 79.4126,

77.5584.

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

77.7802, 79.4126, 77.5584

Protanopia

76.0080, 79.7126, 78.3979

Deuteranopia

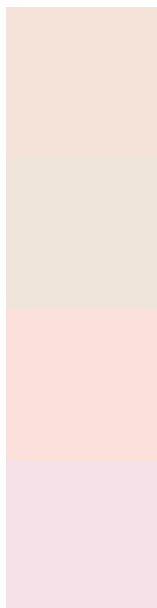
80.5459, 79.2027, 78.7526



Tritanopia

81.2442, 79.6186, 94.3050

Trichromacy



Original Color

77.7802, 79.4126, 77.5584

Protanomaly

76.7407, 79.6784, 78.3526

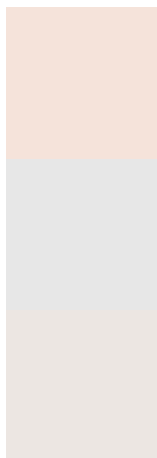
Deuteranomaly

79.2255, 78.9350, 78.0782

Tritanomaly

79.9910, 79.5078, 88.2214

Monochromacy



Original Color

77.7802, 79.4126, 77.5584

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6164, 79.9175, 83.3390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7802, 79.4126, 77.5584 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(245, 227, 218) looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 218)  
}
```

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(245, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 218) }
```

Border

The CSS property to change the border of an element to XYZ 77.7802, 79.4126, 77.5584 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(245, 227, 218) }
```


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

```
.border{ border-color:rgb(245, 227, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 227, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 227, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 227, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 227,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7802, 79.4126, 77.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 218) }
```

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

```
.background{ background-color: rgb(245,  
227, 218) }
```

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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