

Converting Colors

XYZ(77.7146, 78.9568, 78.1655)

Have a look what the booklet for
XYZ(77.7146, 78.9568, 78.1655)
contains.

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Color

**XYZ(77.6387, 78.9197,
78.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E2DB
RGB	245, 226, 219
RGB Percent	96%, 89%, 86%
CMY	0.0392, 0.1137, 0.1412
CMYK	0.00, 0.08, 0.11, 0.04
HSL	16°, 57%, 91%
HSV	16°, 11%, 96%
XYZ	77.6387, 78.9197, 78.1589
YIQ	230.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

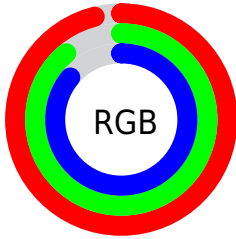
Format	Color
R _{YB}	245, 229, 219
Decimal	16114395
CIE Lab	91.20, 5.33, 5.75
CIE LCh	91, 7.842, 47.142
Yxy	78.9197, 0.3308, 0.3362
Android (android.graphics.Color)	4294304475 (0xFFF5E2DB)
YUV	230.8830, -5.8583, 12.3806
Hunter-Lab	88.8368, 0.5354, 10.0222

Details

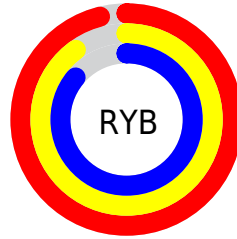
The XYZ color **77.6387, 78.9197, 78.1589** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2690, 82.8000, 98.3491**, and the grayscale version is **75.9056, 79.8586, 86.9660**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2500, 42.6250, 41.1226** is the 20% darker color. If you saturate the color by 10%, you get **70.0324, 68.4939, 60.8643**, and if you desaturate by 10%, it is **86.2323, 90.5586, 98.1265**.

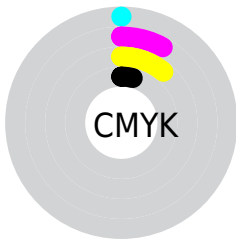
Distribution



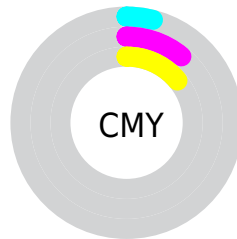
- Red (96%)
- Green (89%)
- Blue (86%)



- Red (96%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6387, 78.9197, 78.1589 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 77.6387, 78.9197, 78.1589 by changing the saturation by 10% instead.


 77.6387, 78.9197,
78.1589

 77.6387, 78.9197,
78.1589


475.7975,
491.2846, 508.2485

 58.0790, 58.8298,
57.6873


129.0087,
131.8458, 132.5620

 42.1157, 42.4761,
41.1443


161.5498,
165.4508, 167.3306

 29.3834, 29.4743,
28.1113


199.1486,
204.3296, 207.7019

 19.5168, 19.4399,
18.1698

242.1706,
248.8666, 254.0945

 12.1505, 11.9886,
10.9013

290.9812,
299.4462, 306.9269

 6.9192, 6.7359,
5.8871

345.9456,

 3.4575, 3.2975,

356.4528, 366.6177

2.7089

407.4293,
420.2709, 433.5854

■ 1.4001, 1.2889,
0.9479

■ 0.2563, 0.1326,
0.0000

■ 77.6387, 78.9197,
78.1589

■ 77.6387, 78.9197,
78.1589

■ 70.0324, 68.4939,
60.8643

■ 86.2323, 90.5586,
98.1265

■ 63.3706, 59.2315,
46.1238

■ 91.4665, 98.1526,
108.7323

■ 57.6171, 51.0946,
33.8167

■ 52.7307, 44.0391,
23.8108

■ 48.6668, 38.0182,
15.9609

■ 45.3765, 32.9811,
10.1055

■ 42.8052, 28.8728,
6.0596

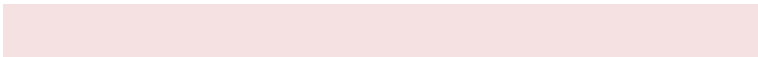
■ 40.8898, 25.6318,
3.6030

■ 39.6050, 23.3096,
2.4118

Harmonies

Analogous

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



78.7199, 78.9197, 82.7464



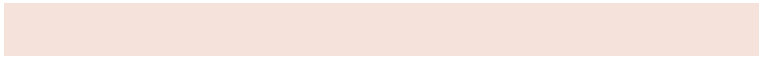
77.6387, 78.9197, 78.1589



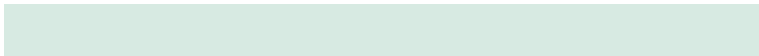
75.8639, 78.9197, 75.7014

Triad

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



77.6387, 78.9197, 78.1589



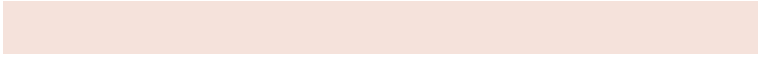
71.3486, 78.9197, 83.5189



76.1421, 78.9197, 96.8118

Complementary

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



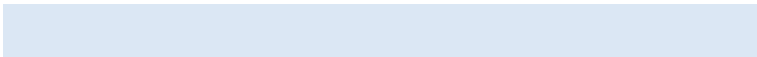
77.6387, 78.9197, 78.1589



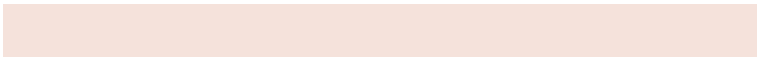
76.2690, 82.8000, 98.3491

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.



74.1641, 78.9197, 97.0411



77.6387, 78.9197, 78.1589



71.4201, 78.9197, 89.1945

Square

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



77.6387, 78.9197, 78.1589



72.2458, 78.9197, 78.7029



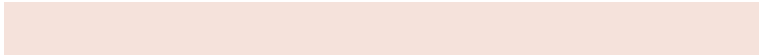
72.4429, 78.9197, 94.2001



77.8454, 78.9197, 93.5868

Rectangle

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



77.6387, 78.9197, 78.1589



74.5370, 78.9197, 75.5275



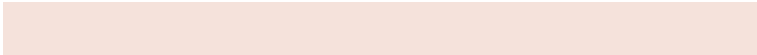
72.4429, 78.9197, 94.2001



75.4867, 78.9197, 97.2466

Sweetspot

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



77.6409, 78.9232, 78.1606



92.0854, 96.0027, 101.9561



78.4310, 76.2536, 91.5258



19.5441, 20.3243, 21.4355



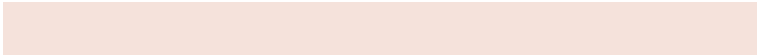
0.0000, 0.0000, 0.0000



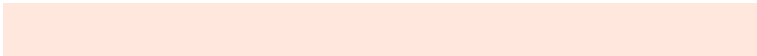
20.3446, 21.4041, 23.3091

Same Dimension

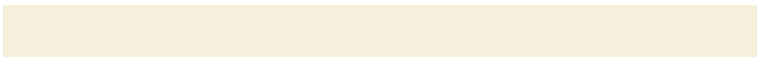
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6409, 78.9232, 78.1606



82.9193, 83.5551, 80.7593



81.2902, 86.2218, 79.3770



16.8623, 17.2087, 17.2304



21.4332, 12.7519, 1.3317



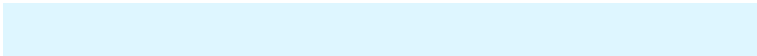
1.9653, 1.2839, 0.1442

Inverse Universe

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



76.2690, 82.8000, 98.3491



81.1051, 88.6796, 107.4499



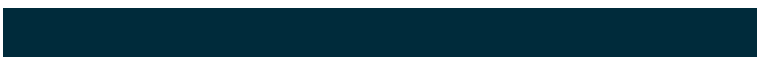
72.6391, 75.5402, 97.1391



16.5971, 17.9584, 21.1341



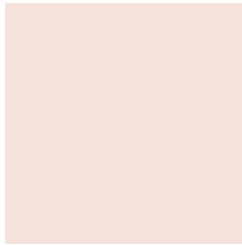
17.6831, 21.1599, 49.6903



1.6388, 2.0290, 4.3955

Previews

White Background



This preview shows how the XYZ color 77.6387, 78.9197, 78.1589 looks on a white background.

Color Contrast Check

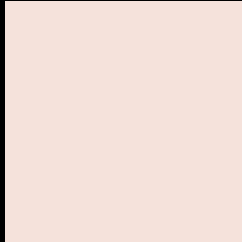
Large Text (above 18pt) WCAG AA × Fail

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 77.6387, 78.9197, 78.1589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

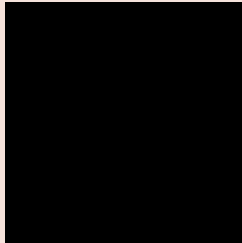
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

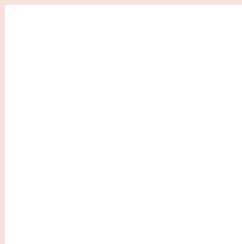
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6387, 78.9197, 78.1589

Background



This preview shows how black text looks on a background with the XYZ color 77.6387, 78.9197, 78.1589.

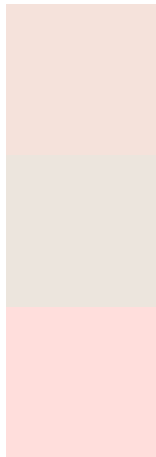


This preview shows how white text looks on a background with the XYZ color 77.6387, 78.9197,

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

77.6387, 78.9197, 78.1589

Protanopia

75.6625, 79.0919, 79.6850

Deuteranopia

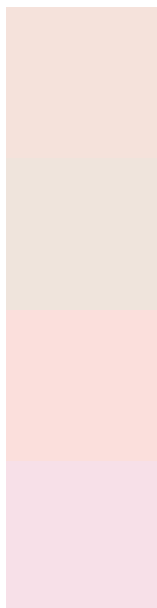
80.2795, 78.6699, 78.6638



Tritanopia

80.8273, 79.0231, 93.4310

Trichromacy



Original Color

77.6387, 78.9197, 78.1589

Protanomaly

76.2583, 79.0048, 78.9404

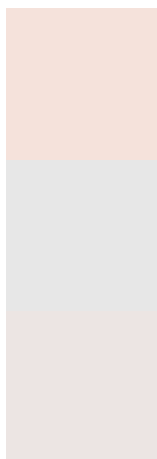
Deuteranomaly

79.0896, 78.4519, 78.6844

Tritanomaly

79.5789, 78.9117, 87.3811

Monochromacy



Original Color

77.6387, 78.9197, 78.1589

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.4765, 79.4175, 83.9714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6387, 78.9197, 78.1589 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, 226, 219) looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 219)  
}
```

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, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 219) }
```

Border

The CSS property to change the border of an element to XYZ 77.6387, 78.9197, 78.1589 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, 226, 219) }
```


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

```
.border{ border-color:rgb(245, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 226,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6387, 78.9197, 78.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 219) }
```

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

```
.background{ background-color: rgb(245,  
226, 219) }
```

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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