

Converting Colors

XYZ(76.7947, 80.1381, 79.2763)

Have a look what the booklet for
XYZ(76.7947, 80.1381, 79.2763)
contains.

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Color

**XYZ(76.8117, 80.1117,
79.1248)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE6DC
RGB	239, 230, 220
RGB Percent	94%, 90%, 86%
CMY	0.0627, 0.0980, 0.1372
CMYK	0.00, 0.04, 0.08, 0.06
HSL	32°, 37%, 90%
HSV	32°, 8%, 94%
XYZ	76.8117, 80.1117, 79.1248
YIQ	231.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

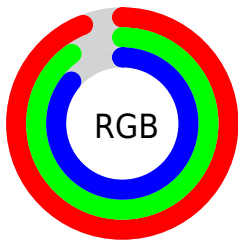
Format	Color
R _Y B	237, 239, 220
Decimal	15722204
CIE Lab	91.73, 1.35, 5.94
CIE LCh	92, 6.092, 77.160
Yxy	80.1117, 0.3254, 0.3394
Android (android.graphics.Color)	4293912284 (0xFFEFE6DC)
YUV	231.5510, -5.6946, 6.5328
Hunter-Lab	89.5051, -3.4485, 10.2397

Details

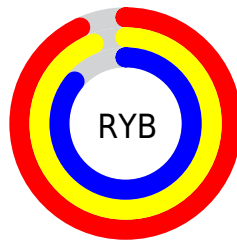
The XYZ color **76.8117, 80.1117, 79.1248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.1143, 77.4849, 92.7648**, and the grayscale version is **76.4048, 80.3838, 87.5380**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6499, 43.4438, 41.7876** is the 20% darker color. If you saturate the color by 10%, you get **70.8232, 72.8427, 62.6124**, and if you desaturate by 10%, it is **83.4617, 87.9776, 98.0922**.

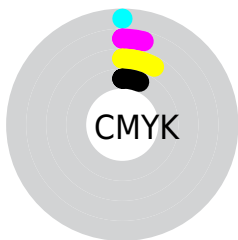
Distribution



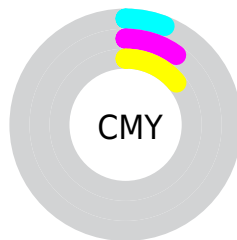
- Red (94%)
- Green (90%)
- Blue (86%)



- Red (93%)
- Yellow (94%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8117, 80.1117, 79.1248 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 76.8117, 80.1117, 79.1248 by changing the saturation by 10% instead.

76.8117, 80.1117,
79.1248

76.8117, 80.1117,
79.1248

473.0236,
495.3092, 511.6072

57.3977, 59.8103,
58.4765

127.8479,
133.5228, 133.9348

41.5660, 43.2657,
41.7746

160.2008,
167.4012, 168.9336

28.9513, 30.0937,
28.6006

197.5975,
206.5741, 209.5529

19.1880, 19.9097,
18.5359

240.4032,
251.4258, 256.2114

11.9110, 12.3294,
11.1620

288.9833,
302.3408, 309.3275

6.7549, 6.9684,
6.0604

343.7031,

3.3543, 3.4424,

359.7034, 369.3198

2.8124

404.9281,
423.8981, 436.6069

■ 1.3438, 1.3668,
0.9997

■ 0.2156, 0.1921,
0.0000

■ 76.8117, 80.1117,
79.1248

■ 76.8117, 80.1117,
79.1248

■ 70.8232, 72.8427,
62.6124

■ 83.4617, 87.9776,
98.0922

■ 65.4665, 66.1448,
48.4480

■ 88.6577, 95.5924,
108.3862

■ 60.7195, 60.0053,
36.5241

■ 89.4070, 97.0909,
108.6359

■ 56.5560, 54.4072,
26.7229

■ 52.9474, 49.3325,
18.9156

■ 49.8627, 44.7616,
12.9593

■ 47.2668, 40.6733,
8.6917

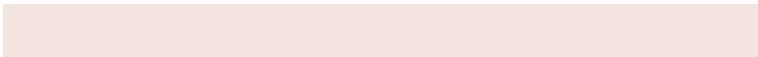
■ 45.1189, 37.0438,
5.9217

■ 43.3648, 33.8435,
4.3876

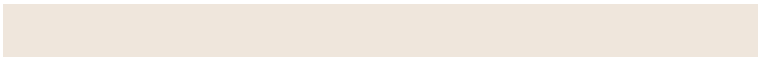
Harmonies

Analogous

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



78.1997, 80.1117, 81.0850



76.8117, 80.1117, 79.1248



75.2630, 80.1117, 79.2818

Triad

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



76.8117, 80.1117, 79.1248



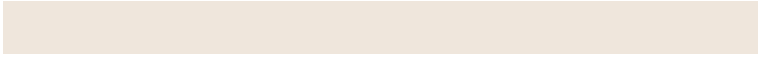
73.3161, 80.1117, 89.7848



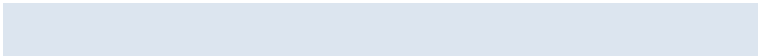
78.3624, 80.1117, 93.1949

Complementary

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



76.8117, 80.1117, 79.1248



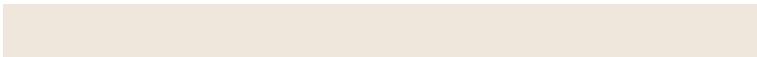
73.1143, 77.4849, 92.7648

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.



77.0314, 80.1117, 95.6882



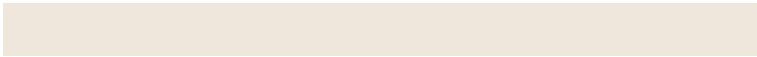
76.8117, 80.1117, 79.1248



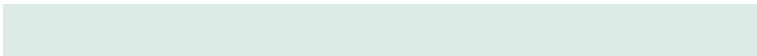
74.1242, 80.1117, 93.6738

Square

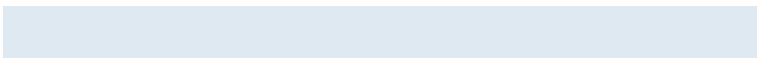
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.8117, 80.1117, 79.1248



73.2591, 80.1117, 85.3345



75.4797, 80.1117, 95.8664



79.1031, 80.1117, 89.1493

Rectangle

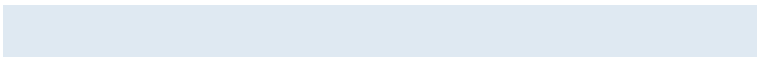
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.8117, 80.1117, 79.1248



74.3479, 80.1117, 80.5653



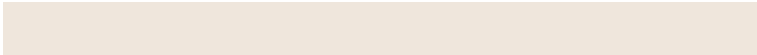
75.4797, 80.1117, 95.8664



77.9683, 80.1117, 94.2483

Sweetspot

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



76.8139, 80.1152, 79.1265



93.4742, 98.1449, 104.3775



75.3593, 75.2056, 84.8083



20.0239, 21.0266, 22.3885



0.0000, 0.0000, 0.0000



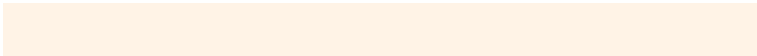
20.3446, 21.4041, 23.3091

Same Dimension

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



76.8139, 80.1152, 79.1265



87.4816, 91.0027, 87.4498



79.2755, 85.1969, 79.9777



16.4617, 17.1365, 16.5898



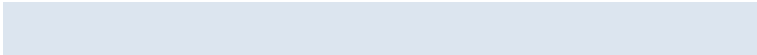
23.9162, 18.6304, 2.3355



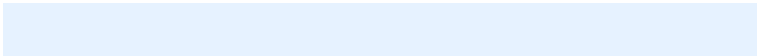
2.0892, 1.7490, 0.2275

Inverse Universe

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



73.1143, 77.4849, 92.7648



82.1480, 87.2107, 107.1114



70.7854, 72.6847, 91.9610



15.5145, 16.4631, 20.0816



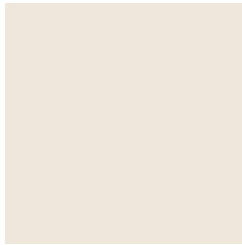
12.0120, 10.2482, 46.4729



1.0982, 1.0504, 3.8991

Previews

White Background



This preview shows how the XYZ color 76.8117, 80.1117, 79.1248 looks on a white background.

Color Contrast Check

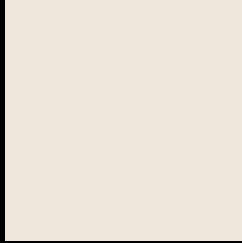
Large Text (above 18pt) WCAG AA × Fail

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 76.8117, 80.1117, 79.1248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

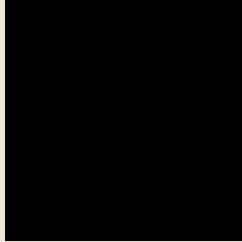
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

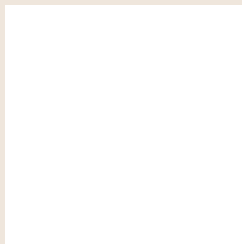
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.8117, 80.1117, 79.1248

Background



This preview shows how black text looks on a background with the XYZ color 76.8117, 80.1117, 79.1248.



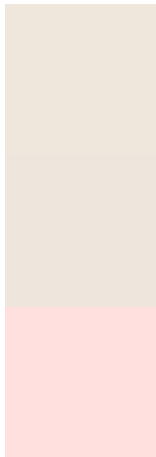
This preview shows how white text looks on a background with the XYZ color 76.8117, 80.1117,

79.1248.

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

76.8117, 80.1117, 79.1248

Protanopia

76.4750, 79.9381, 79.1091

Deuteranopia

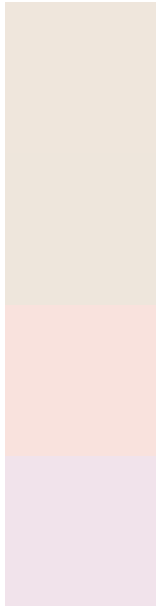
81.0805, 79.8452, 80.2455



Tritanopia

80.1434, 79.8016, 96.7672

Trichromacy



Original Color

76.8117, 80.1117, 79.1248

Protanomaly

76.4750, 79.9381, 79.1091

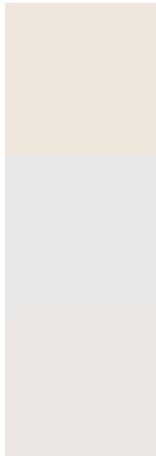
Deuteranomaly

79.3144, 79.7529, 79.6201

Tritanomaly

78.7401, 79.6371, 89.8187

Monochromacy



Original Color

76.8117, 80.1117, 79.1248

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.8405, 80.4154, 84.8706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8117, 80.1117, 79.1248 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(239, 230, 220) looks like.

```
.text, #text, p{  
    color:rgb(239, 230, 220)  
}
```

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(239, 230, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 230, 220) }
```

Border

The CSS property to change the border of an element to XYZ 76.8117, 80.1117, 79.1248 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(239, 230, 220) }
```


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

```
.border{ border-color:rgb(239, 230, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 230, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 230, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 230, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 230,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8117, 80.1117, 79.1248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 230, 220) }
```

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

```
.background{ background-color: rgb(239,  
230, 220) }
```

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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