

Converting Colors

XYZ(78.7217, 80.6694, 77.6926)

Have a look what the booklet for
XYZ(78.7217, 80.6694, 77.6926)
contains.

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Color

**XYZ(78.6802, 80.6934,
77.7582)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E5DA
RGB	246, 229, 218
RGB Percent	96%, 90%, 85%
CMY	0.0353, 0.1019, 0.1451
CMYK	0.00, 0.07, 0.11, 0.04
HSL	24°, 61%, 91%
HSV	24°, 11%, 96%
XYZ	78.6802, 80.6934, 77.7582
YIQ	232.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

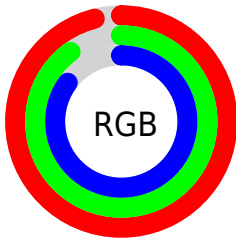
Format	Color
R _Y B	246, 236, 218
Decimal	16180698
CIE Lab	92.00, 3.98, 7.43
CIE LCh	92, 8.428, 61.829
Yxy	80.6934, 0.3318, 0.3403
Android (android.graphics.Color)	4294370778 (0xFFFF6E5DA)
YUV	232.8290, -7.3107, 11.5510
Hunter-Lab	89.8295, -0.8564, 11.5581

Details

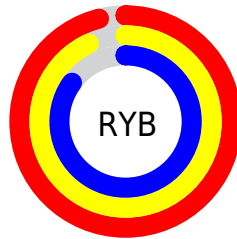
The XYZ color **78.6802, 80.6934, 77.7582** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.2560, 80.9743, 98.8527**, and the grayscale version is **77.3714, 81.4007, 88.6454**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9821, 43.8636, 40.8515** is the 20% darker color. If you saturate the color by 10%, you get **71.7422, 71.5919, 60.7247**, and if you desaturate by 10%, it is **86.4559, 90.7039, 97.4300**.

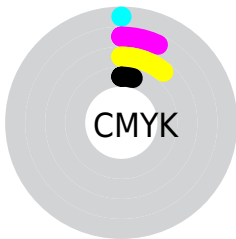
Distribution



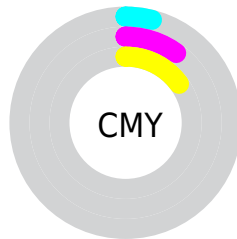
- Red (96%)
- Green (90%)
- Blue (85%)



- Red (96%)
- Yellow (93%)
- Blue (85%)



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





- Cyan (4%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.6802, 80.6934, 77.7582 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 78.6802, 80.6934, 77.7582 by changing the saturation by 10% instead.


 78.6802, 80.6934,
77.7582

 78.6802, 80.6934,
77.7582


479.2784,
497.2666, 506.8514

 58.9376, 60.2891,
57.3601

130.4689,
134.3402, 131.9920

 42.8091, 43.6517,
40.8831


163.2456,
168.3515, 166.6647

 29.9292, 30.3968,
27.9088


201.0979,
207.6672, 206.9328

 19.9327, 20.1400,
18.0185

244.3909,
252.6718, 253.2147

 12.4541, 12.4968,
10.7937

293.4902,
303.7496, 305.9289

 7.1281, 7.0830,
5.8158

348.7609,

 3.5894, 3.5141,

361.2851, 365.4941

2.6665

410.5685,
425.6626, 432.3288

■ 1.4726, 1.4056,
0.9265

■ 0.3071, 0.2209,
0.0000

■ 78.6802, 80.6934,
77.7582

■ 78.6802, 80.6934,
77.7582

■ 71.7422, 71.5919,
60.7247

■ 86.4559, 90.7039,
97.4300

■ 65.6054, 63.3626,
46.2109

■ 91.8163, 98.3330,
108.7487

■ 60.2401, 55.9814,
34.0969

■ 55.6123, 49.4192,
24.2505

■ 51.6850, 43.6452,
16.5271

■ 48.4174, 38.6261,
10.7647

■ 45.7640, 34.3255,
6.7777

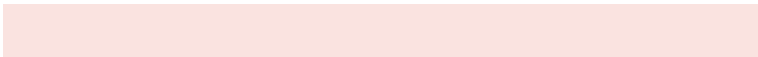
■ 43.6713, 30.7033,
4.3439

■ 42.2518, 28.0840,
3.1938

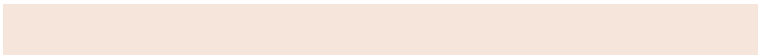
Harmonies

Analogous

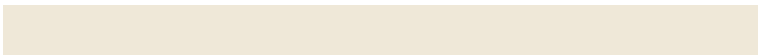
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2907, 80.6934, 81.7184



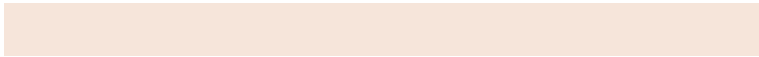
78.6802, 80.6934, 77.7582



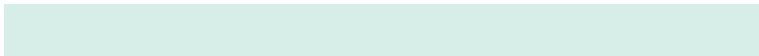
76.5638, 80.6934, 76.4683

Triad

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



78.6802, 80.6934, 77.7582



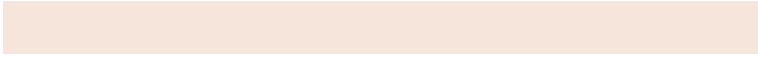
72.6079, 80.6934, 88.2427



78.9147, 80.6934, 98.3927

Complementary

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



78.6802, 80.6934, 77.7582



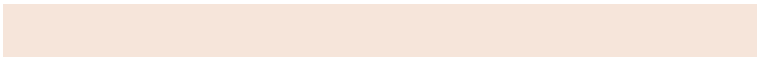
75.2560, 80.9743, 98.8527

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.



76.8297, 80.6934, 100.3334



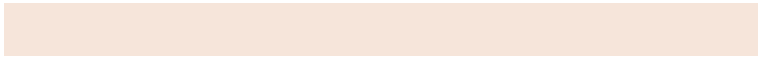
78.6802, 80.6934, 77.7582



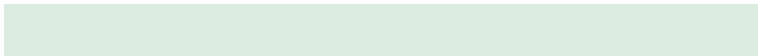
73.2115, 80.6934, 94.3048

Square

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



78.6802, 80.6934, 77.7582



73.0826, 80.6934, 82.3485



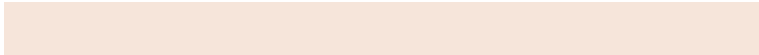
74.7467, 80.6934, 98.8039



80.4279, 80.6934, 93.6151

Rectangle

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



78.6802, 80.6934, 77.7582



75.1581, 80.6934, 77.2452



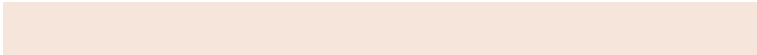
74.7467, 80.6934, 98.8039



78.2561, 80.6934, 99.4083

Sweetspot

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



78.6824, 80.6970, 77.7599



92.3791, 96.5901, 102.0540



78.1123, 75.7504, 89.3046



19.6232, 20.4825, 21.4618



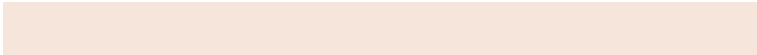
0.0000, 0.0000, 0.0000



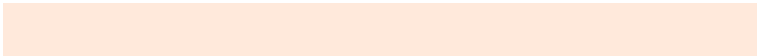
20.3446, 21.4041, 23.3091

Same Dimension

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



78.6824, 80.6970, 77.7599



83.2984, 84.8556, 79.2136



82.6326, 88.5973, 79.0766



17.0334, 17.5509, 17.2875



22.6793, 15.2441, 1.7471



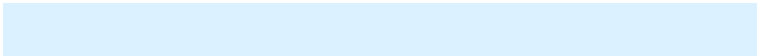
2.0904, 1.5340, 0.1859

Inverse Universe

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



75.2560, 80.9743, 98.8527



78.7999, 85.2190, 106.9035



71.4760, 73.4143, 97.5927



16.4182, 17.6007, 21.0745



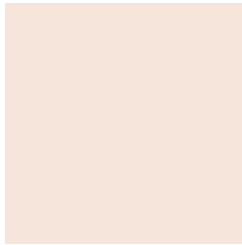
14.7828, 15.3594, 48.7235



1.3992, 1.5498, 4.3156

Previews

White Background



This preview shows how the XYZ color 78.6802, 80.6934, 77.7582 looks on a white background.

Color Contrast Check

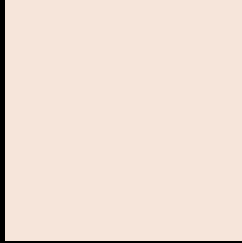
Large Text (above 18pt) WCAG AA × Fail

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 78.6802, 80.6934, 77.7582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

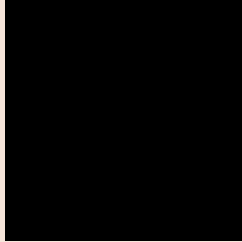
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6802, 80.6934, 77.7582

Background



This preview shows how black text looks on a background with the XYZ color 78.6802, 80.6934, 77.7582.



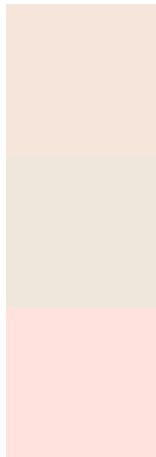
This preview shows how white text looks on a background with the XYZ color 78.6802, 80.6934,

77.7582.

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

78.6802, 80.6934, 77.7582

Protanopia

76.9587, 80.6170, 78.5223

Deuteranopia

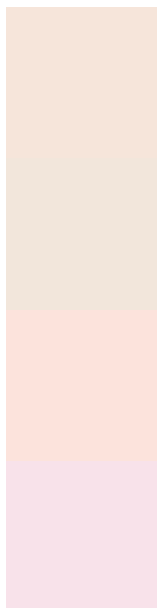
81.4875, 80.8732, 79.7218



Tritanopia

82.1698, 80.4612, 95.9938

Trichromacy



Original Color

78.6802, 80.6934, 77.7582

Protanomaly

77.7009, 80.5853, 78.4771

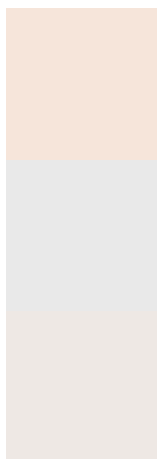
Deuteranomaly

80.5322, 80.8009, 79.0618

Tritanomaly

80.7590, 80.2897, 89.0829

Monochromacy



Original Color

78.6802, 80.6934, 77.7582

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1201, 81.4918, 85.0109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6802, 80.6934, 77.7582 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, 229, 218) looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 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(246, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 218) }
```

Border

The CSS property to change the border of an element to XYZ 78.6802, 80.6934, 77.7582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

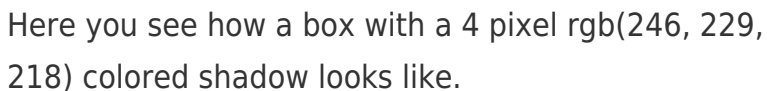
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 229, 218) }
```


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

```
.border{ border-color:rgb(246, 229, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 229, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 229, 218); box-shadow:4px 4px 4px 4px rgb(246, 229, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6802, 80.6934, 77.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 218) }
```

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

```
.background{ background-color: rgb(246,  
229, 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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