

Converting Colors

XYZ(78.2792, 78.5090, 80.0771)

Have a look what the booklet for
XYZ(78.2792, 78.5090, 80.0771)
contains.

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Color

**XYZ(78.1982, 78.3594,
80.1106)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E0DE
RGB	247, 224, 222
RGB Percent	97%, 88%, 87%
CMY	0.0314, 0.1215, 0.1294
CMYK	0.00, 0.09, 0.10, 0.03
HSL	5°, 61%, 92%
HSV	5°, 10%, 97%
XYZ	78.1982, 78.3594, 80.1106
YIQ	230.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

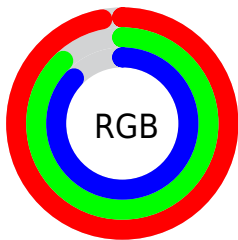
Format	Color
R _Y B	247, 224, 222
Decimal	16244958
CIE Lab	90.94, 7.55, 3.83
CIE LCh	91, 8.467, 26.908
Yxy	78.3594, 0.3304, 0.3311
Android (android.graphics.Color)	4294435038 (0xFF7E0DE)
YUV	230.6490, -4.2640, 14.3398
Hunter-Lab	88.5208, 2.7732, 8.3077

Details

The XYZ color **78.1982, 78.3594, 80.1106** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5647, 87.5480, 100.7014**, and the grayscale version is **75.7198, 79.6631, 86.7532**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6489, 42.2423, 42.4650** is the 20% darker color. If you saturate the color by 10%, you get **69.4242, 65.7263, 62.0320**, and if you desaturate by 10%, it is **88.2775, 92.8252, 101.0188**.

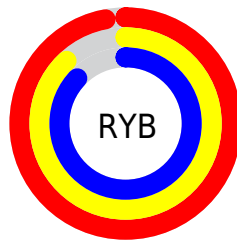
Distribution



Red (97%)

Green (88%)

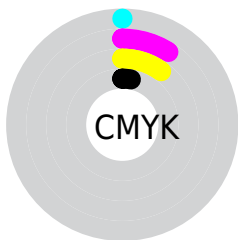
Blue (87%)



Red (97%)

Yellow (88%)

Blue (87%)

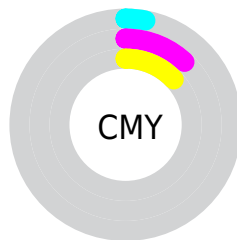


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (3%)



Cyan (3%)


Magenta (12%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1982, 78.3594, 80.1106 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 78.1982, 78.3594, 80.1106 by changing the saturation by 10% instead.


 78.1982, 78.3594,
80.1106

 78.1982, 78.3594,
80.1106


477.6692,
489.3865, 515.0221

 58.5402, 58.3693,
59.2827


129.7934,
131.0566, 135.3340

 42.4880, 42.1056,
42.4192


162.4612,
164.5325, 170.5666

 29.6764, 29.1840,
29.1017


200.1964,
203.2725, 211.4378

 19.7399, 19.2200,
18.9115

243.3642,
247.6608, 258.3662

 12.3133, 11.8294,
11.4302

292.3300,
298.0820, 311.7702

 7.0311, 6.6276,
6.2392

347.4592,

 3.5281, 3.2303,

354.9204, 372.0685

2.9199

409.1172,
418.5605, 439.6796

■ 1.4388, 1.2531,
1.0539

■ 0.2836, 0.1045,
0.0000

■ 78.1982, 78.3594,
80.1106

■ 78.1982, 78.3594,
80.1106

■ 69.4242, 65.7263,
62.0320

■ 88.2775, 92.8252,
101.0188

■ 61.8958, 54.8428,
46.6567

■ 92.1681, 98.5143,
108.7651

■ 55.5584, 45.6349,
33.8562

■ 50.3508, 38.0194,
23.4897

■ 46.2065, 31.9057,
15.4028

■ 43.0516, 27.1944,
9.4234

■ 40.8031, 23.7739,
5.3552

■ 39.3640, 21.5156,
2.9644

■ 38.6048, 20.2678,
1.8774

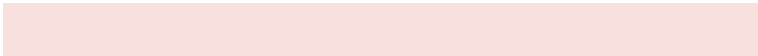
Harmonies

Analogous

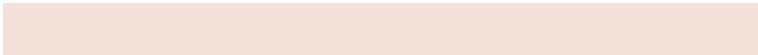
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6519, 78.3594, 85.9556



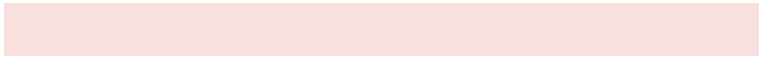
78.1982, 78.3594, 80.1106



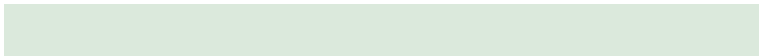
76.7415, 78.3594, 75.8469

Triad

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



78.1982, 78.3594, 80.1106



71.0926, 78.3594, 79.0624



74.2571, 78.3594, 97.6029

Complementary

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



78.1982, 78.3594, 80.1106



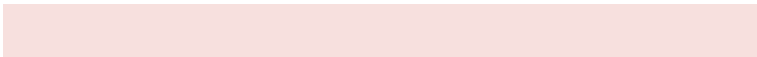
79.5647, 87.5480, 100.7014

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.



72.2599, 78.3594, 95.5509



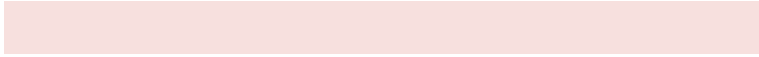
78.1982, 78.3594, 80.1106



70.4549, 78.3594, 84.6877

Square

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



78.1982, 78.3594, 80.1106



72.6363, 78.3594, 75.2624



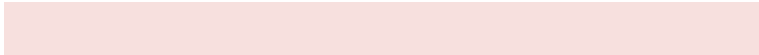
70.8782, 78.3594, 90.7506



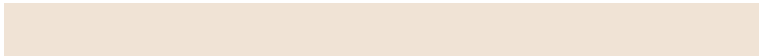
76.3511, 78.3594, 96.2361

Rectangle

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



78.1982, 78.3594, 80.1106



75.4117, 78.3594, 74.3764



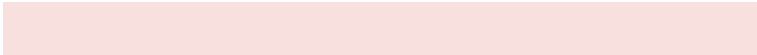
70.8782, 78.3594, 90.7506



73.5525, 78.3594, 97.2878

Sweetspot

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



78.2004, 78.3629, 80.1123



91.6387, 95.1093, 101.8072



81.0123, 78.6307, 97.5615



19.4240, 20.0841, 21.3954



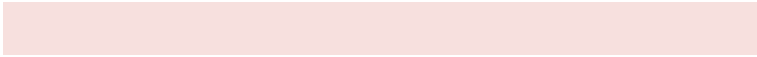
0.0000, 0.0000, 0.0000



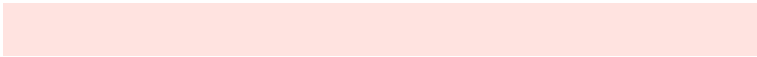
20.3446, 21.4041, 23.3091

Same Dimension

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



78.2004, 78.3629, 80.1123



82.1779, 81.5216, 82.2098



81.5869, 85.1359, 81.2411



16.6059, 16.6959, 17.1450



20.4559, 10.7974, 1.0060



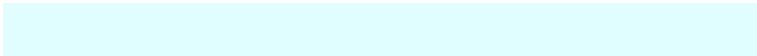
1.8340, 1.0212, 0.1005

Inverse Universe

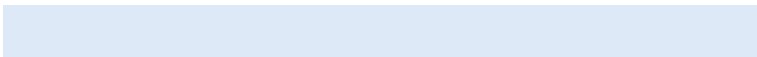
The Inverse Universe completely reimagines the original color for something new.



79.5647, 87.5480, 100.7014



83.8969, 93.0959, 108.1552



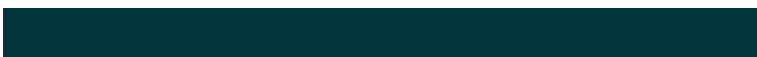
76.0054, 80.4295, 99.5150



16.8764, 18.5171, 21.2272



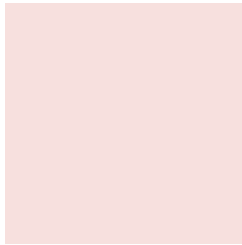
23.4843, 32.7623, 51.6240



2.0971, 2.9456, 4.5483

Previews

White Background



This preview shows how the XYZ color 78.1982, 78.3594, 80.1106 looks on a white background.

Color Contrast Check

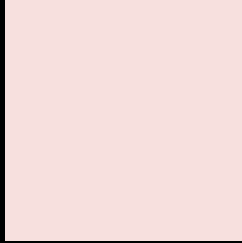
Large Text (above 18pt) WCAG AA × Fail

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 78.1982, 78.3594, 80.1106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

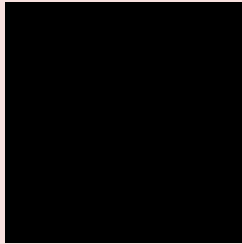
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1982, 78.3594, 80.1106

Background



This preview shows how black text looks on a background with the XYZ color 78.1982, 78.3594, 80.1106.

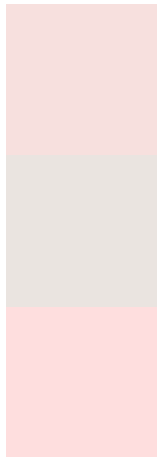


This preview shows how white text looks on a background with the XYZ color 78.1982, 78.3594,

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

78.1982, 78.3594, 80.1106

Protanopia

75.1296, 78.3610, 81.6864

Deuteranopia

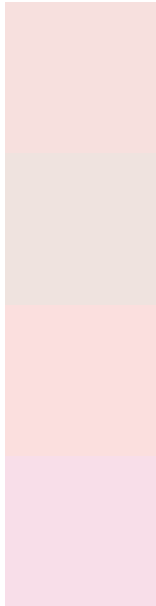
80.1791, 78.5873, 80.0502



Tritanopia

80.5034, 78.0846, 92.4902

Trichromacy



Original Color

78.1982, 78.3594, 80.1106

Protanomaly

76.3850, 78.6166, 80.9606

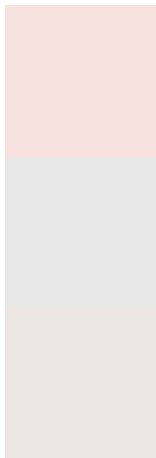
Deuteranomaly

79.3562, 78.5585, 80.0880

Tritanomaly

79.5407, 78.0822, 87.9699

Monochromacy



Original Color

78.1982, 78.3594, 80.1106

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6720, 79.0928, 84.6242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1982, 78.3594, 80.1106 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(247, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 222)  
}
```

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(247, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 78.1982, 78.3594, 80.1106 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(247, 224, 222) }
```


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

```
.border{ border-color:rgb(247, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1982, 78.3594, 80.1106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 222) }
```

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

```
.background{ background-color: rgb(247,  
224, 222) }
```

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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