

Converting Colors

XYZ(78.1616, 78.5015, 77.8505)

Have a look what the booklet for
XYZ(78.1616, 78.5015, 77.8505)
contains.

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Color

**XYZ(78.1532, 78.3822,
78.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E0DB
RGB	248, 224, 219
RGB Percent	97%, 88%, 86%
CMY	0.0274, 0.1215, 0.1412
CMYK	0.00, 0.10, 0.12, 0.03
HSL	10°, 67%, 92%
HSV	10°, 12%, 97%
XYZ	78.1532, 78.3822, 78.0280
YIQ	230.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

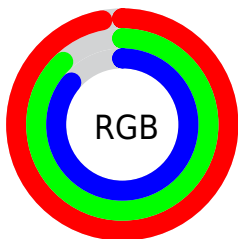
Format	Color
R _Y B	248, 225, 219
Decimal	16310491
CIE Lab	90.95, 7.42, 5.43
CIE LCh	91, 9.190, 36.203
Yxy	78.3822, 0.3332, 0.3342
Android (android.graphics.Color)	4294500571 (0xFFF8E0DB)
YUV	230.6060, -5.7218, 15.2545
Hunter-Lab	88.5337, 2.6370, 9.7192

Details

The XYZ color **78.1532, 78.3822, 78.0280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2069, 85.9369, 101.2732**, and the grayscale version is **75.6975, 79.6397, 86.7276**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3747, 42.1326, 41.0210** is the 20% darker color. If you saturate the color by 10%, you get **69.9428, 66.8023, 60.3654**, and if you desaturate by 10%, it is **87.5201, 91.4948, 98.4776**.

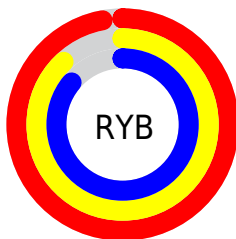
Distribution



Red (97%)

Green (88%)

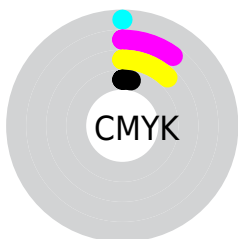
Blue (86%)



Red (97%)

Yellow (88%)

Blue (86%)

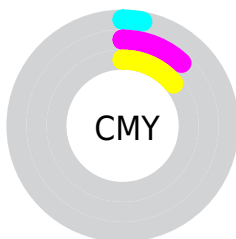


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (3%)



Cyan (3%)


Magenta (12%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1532, 78.3822, 78.0280 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 78.1532, 78.3822, 78.0280 by changing the saturation by 10% instead.


 78.1532, 78.3822,
78.0280

 78.1532, 78.3822,
78.0280


477.5188,
489.4639, 507.7924

 58.5031, 58.3880,
57.5804


129.7303,
131.0888, 132.3758

 42.4580, 42.1207,
41.0589


162.3879,
164.5699, 167.1131

 29.6528, 29.1958,
28.0451


200.1121,
203.3155, 207.4507

 19.7220, 19.2290,
18.1203

243.2682,
247.7099, 253.8072

 12.3002, 11.8358,
10.8661

292.2216,
298.1376, 306.6010

 7.0221, 6.6320,
5.8638

347.3376,

 3.5224, 3.2330,

354.9829, 366.2508

2.6950

408.9815,
418.6301, 433.1751

■ 1.4357, 1.2546,
0.9409

■ 0.2814, 0.1056,
0.0000

■ 78.1532, 78.3822,
78.0280

■ 78.1532, 78.3822,
78.0280

■ 69.9428, 66.8023,
60.3654

■ 87.5201, 91.4948,
98.4776

■ 62.8372, 56.6888,
45.3642

■ 92.5217, 98.6966,
108.7817

■ 56.7907, 47.9862,
32.8963

■ 51.7516, 40.6313,
22.8211

■ 47.6639, 34.5559,
14.9845

■ 44.4659, 29.6861,
9.2141

■ 42.0884, 25.9398,
5.3119

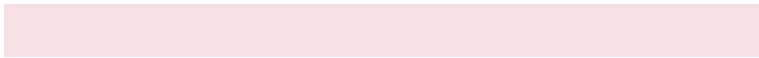
■ 40.4510, 23.2245,
3.0410

■ 39.5682, 21.6696,
2.0972

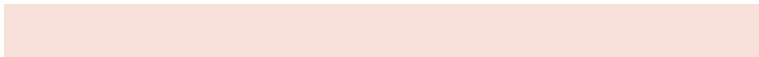
Harmonies

Analogous

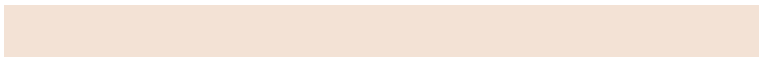
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0175, 78.3822, 83.9735



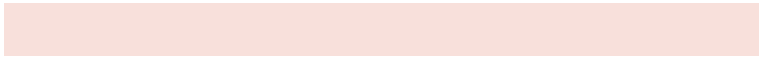
78.1532, 78.3822, 78.0280



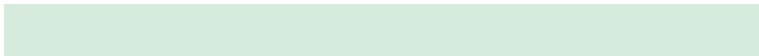
76.3121, 78.3822, 74.1942

Triad

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



78.1532, 78.3822, 78.0280



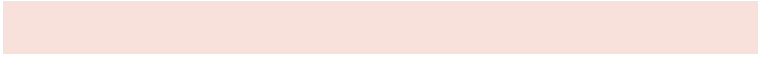
70.4973, 78.3822, 80.2992



74.9824, 78.3822, 98.6688

Complementary

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



78.1532, 78.3822, 78.0280



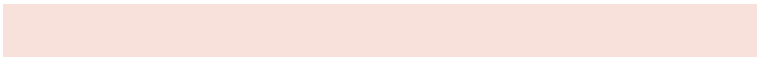
78.2069, 85.9369, 101.2732

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.



72.7167, 78.3822, 97.5603



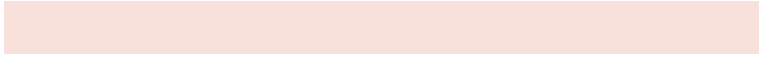
78.1532, 78.3822, 78.0280



70.1579, 78.3822, 86.7311

Square

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



78.1532, 78.3822, 78.0280



71.8992, 78.3822, 75.4572



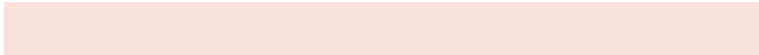
70.9623, 78.3822, 93.1055



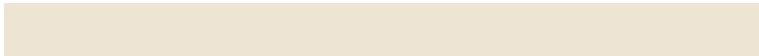
77.1626, 78.3822, 96.0607

Rectangle

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



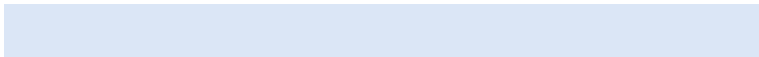
78.1532, 78.3822, 78.0280



74.7953, 78.3822, 73.2358



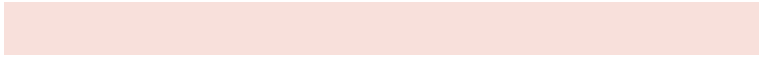
70.9623, 78.3822, 93.1055



74.2053, 78.3822, 98.7202

Sweetspot

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



78.1554, 78.3857, 78.0297



90.8173, 94.0932, 99.6014



80.2467, 77.1017, 95.5795



19.2731, 19.9085, 20.9563



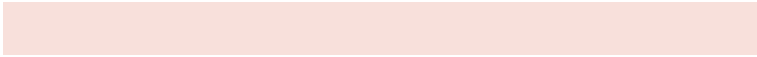
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



78.1554, 78.3857, 78.0297



81.1156, 80.4901, 78.4860



82.1701, 86.4152, 79.3679



17.4867, 17.7092, 17.9590



21.4437, 11.8441, 1.1559



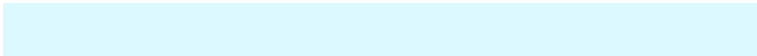
2.0515, 1.2278, 0.1289

Inverse Universe

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



78.2069, 85.9369, 101.2732



81.1798, 89.9788, 107.6967



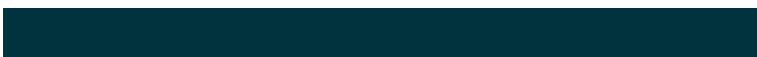
74.0849, 77.6928, 99.8992



17.4960, 19.0689, 22.1438



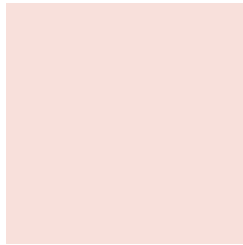
21.0642, 27.4840, 52.1683



2.0158, 2.6753, 4.8533

Previews

White Background



This preview shows how the XYZ color 78.1532, 78.3822, 78.0280 looks on a white background.

Color Contrast Check

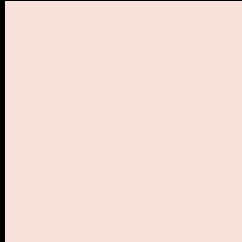
Large Text (above 18pt) WCAG AA × Fail

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 78.1532, 78.3822, 78.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

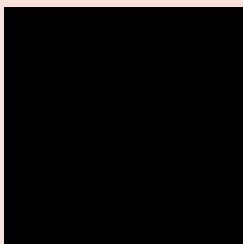
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

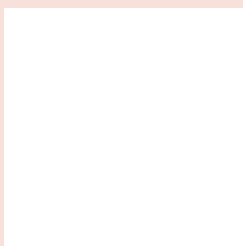
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1532, 78.3822, 78.0280

Background



This preview shows how black text looks on a background with the XYZ color 78.1532, 78.3822, 78.0280.



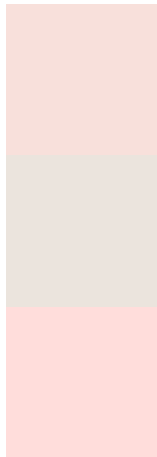
This preview shows how white text looks on a background with the XYZ color 78.1532, 78.3822,

78.0280.

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

78.1532, 78.3822, 78.0280

Protanopia

75.0555, 78.3694, 79.5776

Deuteranopia

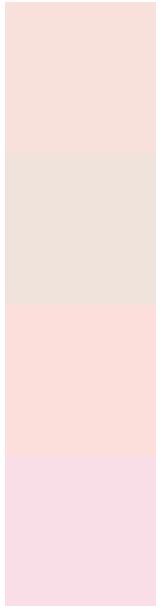
79.8826, 78.0874, 77.8799



Tritanopia

81.0727, 78.3952, 91.7477

Trichromacy



Original Color

78.1532, 78.3822, 78.0280

Protanomaly

76.3225, 78.6307, 78.8648

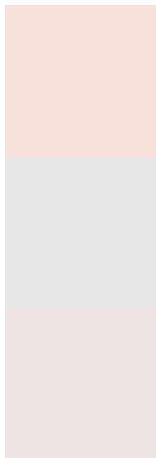
Deuteranomaly

79.0523, 78.0525, 77.9170

Tritanomaly

79.9694, 78.3361, 86.5068

Monochromacy



Original Color

78.1532, 78.3822, 78.0280

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.5336, 79.0374, 83.8950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1532, 78.3822, 78.0280 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(248, 224, 219) looks like.

```
.text, #text, p{  
    color:rgb(248, 224, 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(248, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 224, 219) }
```

Border

The CSS property to change the border of an element to XYZ 78.1532, 78.3822, 78.0280 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(248, 224, 219) }
```


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

```
.border{ border-color:rgb(248, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(248, 224,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1532, 78.3822, 78.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 224, 219) }
```

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

```
.background{ background-color: rgb(248,  
224, 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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