

Converting Colors

XYZ(78.2210, 80.0248, 69.3939)

Have a look what the booklet for
XYZ(78.2210, 80.0248, 69.3939)
contains.

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Color

**XYZ(78.1872, 80.2186,
69.1204)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE4CD
RGB	250, 228, 205
RGB Percent	98%, 89%, 80%
CMY	0.0196, 0.1059, 0.1961
CMYK	0.00, 0.09, 0.18, 0.02
HSL	31°, 82%, 89%
HSV	31°, 18%, 98%
XYZ	78.1872, 80.2186, 69.1204
YIQ	231.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

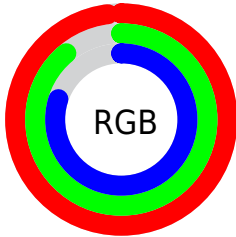
Format	Color
R _Y B	248, 250, 205
Decimal	16442573
CIE Lab	91.78, 3.91, 13.94
CIE LCh	92, 14.483, 74.333
Yxy	80.2186, 0.3436, 0.3526
Android (android.graphics.Color)	4294632653 (0xFFFAE4CD)
YUV	231.9560, -13.2893, 15.8246
Hunter-Lab	89.5648, -0.9137, 16.9392

Details

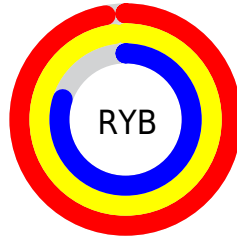
The XYZ color **78.1872, 80.2186, 69.1204** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.9008, 74.8177, 101.2002**, and the grayscale version is **76.7562, 80.7535, 87.9406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5218, 43.4590, 35.4254** is the 20% darker color. If you saturate the color by 10%, you get **72.1642, 72.6220, 53.3949**, and if you desaturate by 10%, it is **84.9343, 88.4905, 87.4681**.

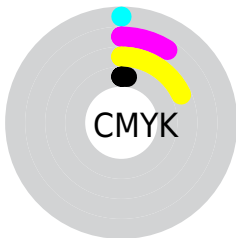
Distribution



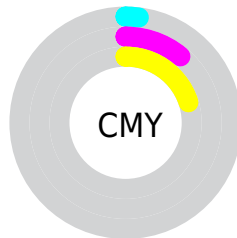
- Red (98%)
- Green (89%)
- Blue (80%)



- Red (97%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1872, 80.2186, 69.1204 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 78.1872, 80.2186, 69.1204 by changing the saturation by 10% instead.


 78.1872, 80.2186,
69.1204

 78.1872, 80.2186,
69.1204


477.6324,
495.6692, 476.1609

 58.5311, 59.8983,
50.3374


129.7780,
133.6730, 119.6228

 42.4807, 43.3366,
35.3085


162.4433,
167.5759, 152.1794

 29.6706, 30.1493,
23.6152


200.1758,
206.7751, 190.1642

 19.7355, 19.9520,
14.8388

243.3407,
251.6549, 233.9958

 12.3101, 12.3601,
8.5610

292.3035,
302.5999, 284.0927

 7.0289, 6.9894,
4.3631

347.4295,

 3.5267, 3.4555,

359.9943, 340.8735

1.8266

409.0840,
424.2226, 404.7567

■ 1.4380, 1.3739,
0.4454

■ 0.2831, 0.1974,
0.0000

■ 78.1872, 80.2186,
69.1204

■ 78.1872, 80.2186,
69.1204

■ 72.1642, 72.6220,
53.3949

■ 84.9343, 88.4905,
87.4681

■ 66.8313, 65.6710,
40.1644

■ 92.4250, 97.4449,
108.5452

■ 62.1607, 59.3493,
29.2990

■ 93.2346, 99.0641,
108.8150

■ 58.1203, 53.6357,
20.6544

■ 54.6746, 48.5073,
14.0709

■ 51.7839, 43.9393,
9.3664

■ 49.4020, 39.9039,
6.3268

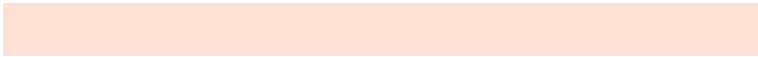
■ 47.4680, 36.3670,
4.6613

■ 47.1185, 35.7118,
4.4097

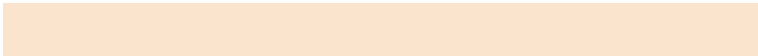
Harmonies

Analogous

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



81.4603, 80.2186, 73.8366



78.1872, 80.2186, 69.1204



74.4938, 80.2186, 69.0152

Triad

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



78.1872, 80.2186, 69.1204



69.5434, 80.2186, 92.4980



81.3377, 80.2186, 102.7810

Complementary

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



78.1872, 80.2186, 69.1204



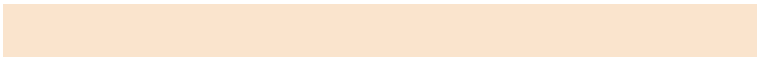
69.9008, 74.8177, 101.2002

Split Complementary

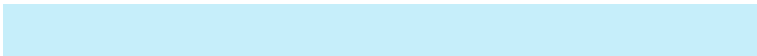
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0242, 80.2186, 108.6616



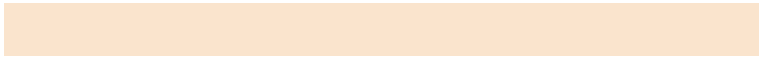
78.1872, 80.2186, 69.1204



71.2579, 80.2186, 102.4067

Square

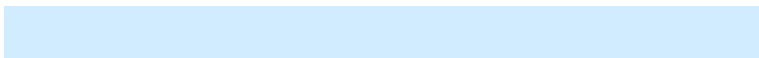
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1872, 80.2186, 69.1204



69.5838, 80.2186, 81.9450



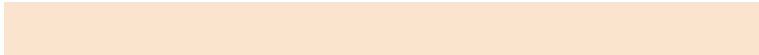
74.3360, 80.2186, 108.5193



83.3191, 80.2186, 92.9760

Rectangle

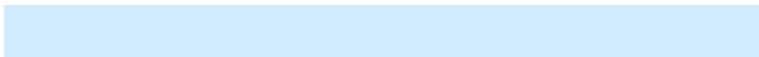
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1872, 80.2186, 69.1204



72.2940, 80.2186, 71.5430



74.3360, 80.2186, 108.5193



80.3381, 80.2186, 105.3163

Sweetspot

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



78.1894, 80.2222, 69.1221



91.1086, 95.2939, 97.7930



75.1908, 69.5614, 82.5000



19.3858, 20.2584, 20.6101



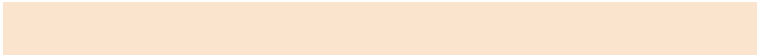
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



78.1894, 80.2222, 69.1221



79.1651, 80.6346, 65.3636



84.6301, 93.1037, 71.2690



17.9783, 18.6925, 18.1228



25.1376, 19.2318, 2.3872



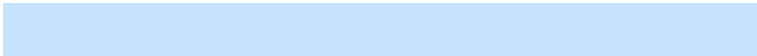
2.4343, 1.9935, 0.2565

Inverse Universe

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



69.9008, 74.8177, 101.2002



68.8602, 73.9156, 105.2456



64.2645, 63.5450, 99.3214



16.9835, 18.0438, 21.9730



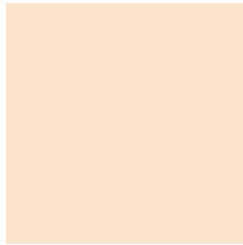
13.0001, 11.3558, 49.4803



1.3098, 1.2632, 4.6180

Previews

White Background



This preview shows how the XYZ color 78.1872, 80.2186, 69.1204 looks on a white background.

Color Contrast Check

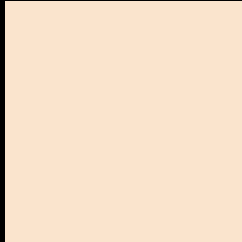
Large Text (above 18pt) WCAG AA × Fail

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 78.1872, 80.2186, 69.1204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

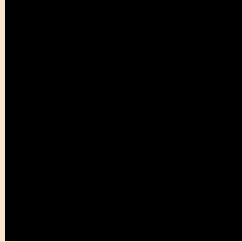
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1872, 80.2186, 69.1204

Background



This preview shows how black text looks on a background with the XYZ color 78.1872, 80.2186, 69.1204.



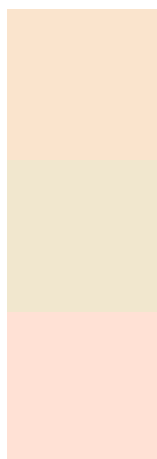
This preview shows how white text looks on a background with the XYZ color 78.1872, 80.2186,

69.1204.

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

78.1872, 80.2186, 69.1204

Protanopia

75.9921, 80.3088, 69.8885

Deuteranopia

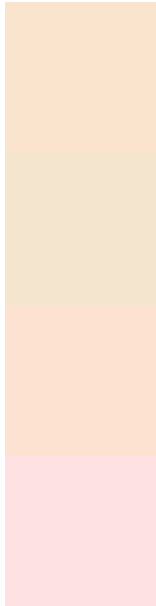
80.1755, 79.9145, 74.1501



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

78.1872, 80.2186, 69.1204

Protanomaly

76.7456, 80.2830, 69.8438

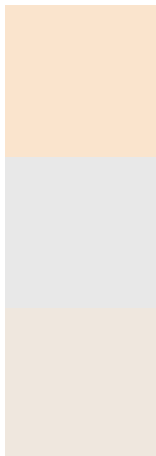
Deuteranomaly

79.3372, 79.9285, 72.2190

Tritanomaly

81.2984, 80.2791, 83.8836

Monochromacy



Original Color

78.1872, 80.2186, 69.1204

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.3573, 80.7765, 80.6215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1872, 80.2186, 69.1204 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(250, 228, 205) looks like.

```
.text, #text, p{  
    color:rgb(250, 228, 205)  
}
```

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(250, 228, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 228, 205) }
```

Border

The CSS property to change the border of an element to XYZ 78.1872, 80.2186, 69.1204 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(250, 228, 205) }
```


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

```
.border{ border-color:rgb(250, 228, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 228, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 228,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1872, 80.2186, 69.1204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 228, 205) }
```

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

```
.background{ background-color: rgb(250,  
228, 205) }
```

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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