

Converting Colors

XYZ(77.7975, 79.8000, 73.9211)

Have a look what the booklet for
XYZ(77.7975, 79.8000, 73.9211)
contains.

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Color

**XYZ(78.1114, 80.0651,
74.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E4D5
RGB	247, 228, 213
RGB Percent	97%, 89%, 84%
CMY	0.0314, 0.1059, 0.1647
CMYK	0.00, 0.08, 0.14, 0.03
HSL	26°, 68%, 90%
HSV	26°, 14%, 97%
XYZ	78.1114, 80.0651, 74.2880
YIQ	231.9710, 16.1390, -0.6370

Conversions

Conversions Part 2

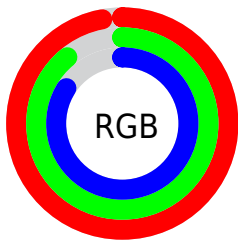
Format	Color
R_{YB}	247, 240, 213
Decimal	16245973
CIE _{Lab}	91.71, 4.06, 9.64
CIE _{LCh}	92, 10.463, 67.191
Yxy	80.0651, 0.3360, 0.3444
Android (android.graphics.Color)	4294436053 (0xFFFF7E4D5)
YUV	231.9710, -9.3527, 13.1804
Hunter-Lab	89.4791, -0.7656, 13.4112

Details

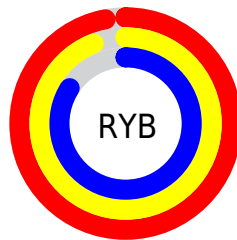
The XYZ color **78.1114, 80.0651, 74.2880** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.0853, 78.5730, 99.3104**, and the grayscale version is **76.7412, 80.7378, 87.9234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3503, 43.3029, 38.4739** is the 20% darker color. If you saturate the color by 10%, you get **71.5666, 71.6160, 57.7989**, and if you desaturate by 10%, it is **85.4412, 89.3184, 93.3964**.

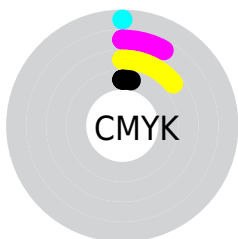
Distribution



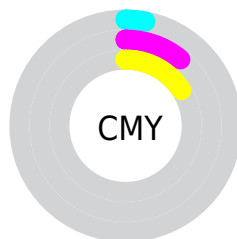
- Red (97%)
- Green (89%)
- Blue (84%)



- Red (97%)
- Yellow (94%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1114, 80.0651, 74.2880 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 78.1114, 80.0651, 74.2880 by changing the saturation by 10% instead.


 78.1114, 80.0651,
74.2880

 78.1114, 80.0651,
74.2880


477.3791,
495.1522, 494.6567

 58.4686, 59.7719,
54.5316


129.6717,
133.4573, 127.0418

 42.4302, 43.2348,
38.6307


162.3199,
167.3250, 160.8762

 29.6309, 30.0694,
26.1670

200.0339,
206.4865, 200.2404

 19.7053, 19.8913,
16.7217

243.1791,
251.3259, 245.5529

 12.2880, 12.3160,
9.8764

292.1209,
302.2278, 297.2323

 7.0137, 6.9593,
5.2126

347.2246,

 3.5171, 3.4367,

359.5766, 355.6970

2.3116

408.8555,
423.7566, 421.3656

■ 1.4327, 1.3637,
0.7377

■ 0.2794, 0.1898,
0.0000

■ 78.1114, 80.0651,
74.2880

■ 78.1114, 80.0651,
74.2880

■ 71.5666, 71.6160,
57.7989

■ 85.4412, 89.3184,
93.3964

■ 65.7716, 63.9377,
43.8083

■ 92.1680, 98.5143,
108.7651

■ 60.6982, 57.0099,
32.1932

■ 56.3136, 50.8074,
22.8185

■ 52.5820, 45.3033,
15.5350

■ 49.4638, 40.4685,
10.1751

■ 46.9142, 36.2711,
6.5449

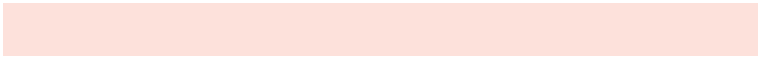
■ 44.8798, 32.6752,
4.4086

■ 43.8273, 30.7128,
3.6182

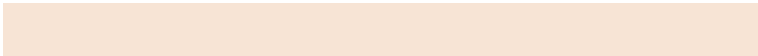
Harmonies

Analogous

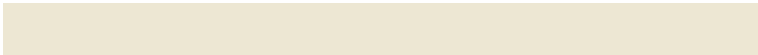
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2720, 80.0651, 78.5704



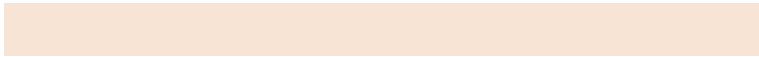
78.1114, 80.0651, 74.2880



75.4572, 80.0651, 73.3605

Triad

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



78.1114, 80.0651, 74.2880



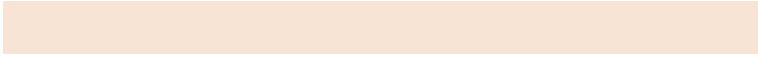
71.1083, 80.0651, 89.0349



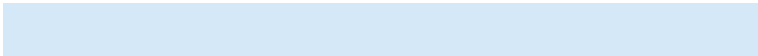
79.2520, 80.0651, 99.4499

Complementary

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



78.1114, 80.0651, 74.2880



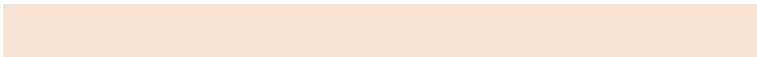
73.0853, 78.5730, 99.3104

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.



76.7454, 80.0651, 102.6284



78.1114, 80.0651, 74.2880



72.0741, 80.0651, 96.3908

Square

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



78.1114, 80.0651, 74.2880



71.4547, 80.0651, 81.5892



74.1224, 80.0651, 101.4774



80.9413, 80.0651, 93.0149

Rectangle

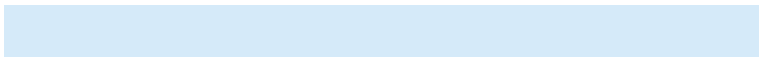
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1114, 80.0651, 74.2880



73.7726, 80.0651, 74.7169



74.1224, 80.0651, 101.4774



78.4748, 80.0651, 100.9513

Sweetspot

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



78.1136, 80.0687, 74.2897



91.6598, 95.7782, 99.8823



76.7563, 73.2051, 86.6281



19.4859, 20.3339, 21.0272



0.0000, 0.0000, 0.0000



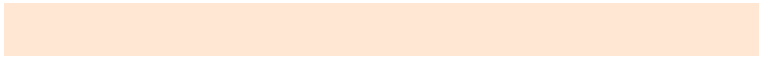
20.3446, 21.4041, 23.3091

Same Dimension

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



78.1136, 80.0687, 74.2897



81.5942, 83.0252, 73.7811



82.9405, 89.7226, 75.8987



17.1010, 17.6861, 17.3100



23.3149, 16.5154, 1.9590



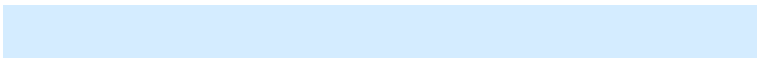
2.1498, 1.6528, 0.2057

Inverse Universe

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



73.0853, 78.5730, 99.3104



75.0583, 81.0805, 106.3018



68.5985, 69.5995, 97.8148



16.3491, 17.4625, 21.0515



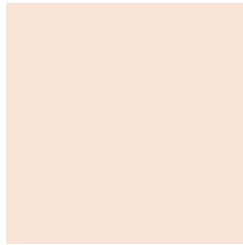
13.8291, 13.4519, 48.4056



1.3178, 1.3870, 4.2885

Previews

White Background



This preview shows how the XYZ color 78.1114, 80.0651, 74.2880 looks on a white background.

Color Contrast Check

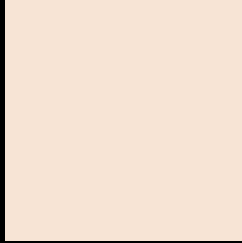
Large Text (above 18pt) WCAG AA × Fail

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 78.1114, 80.0651, 74.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

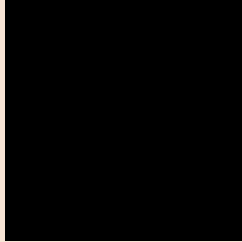
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1114, 80.0651, 74.2880

Background



This preview shows how black text looks on a background with the XYZ color 78.1114, 80.0651, 74.2880.



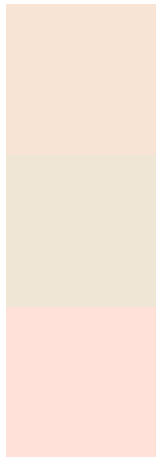
This preview shows how white text looks on a background with the XYZ color 78.1114, 80.0651,

74.2880.

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

78.1114, 80.0651, 74.2880

Protanopia

76.0310, 79.7994, 75.0139

Deuteranopia

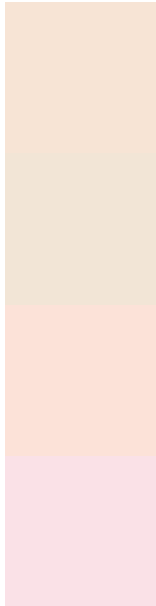
80.6896, 80.1202, 76.8576



Tritanopia

82.3165, 80.1714, 94.3552

Trichromacy



Original Color

78.1114, 80.0651, 74.2880

Protanomaly

76.7749, 79.7709, 74.9692

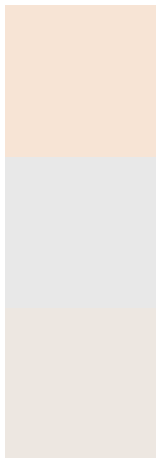
Deuteranomaly

79.7359, 80.0460, 76.2136

Tritanomaly

80.7734, 79.9439, 86.7748

Monochromacy



Original Color

78.1114, 80.0651, 74.2880

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.0916, 80.5926, 82.7269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1114, 80.0651, 74.2880 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, 228, 213) looks like.

```
.text, #text, p{  
    color:rgb(247, 228, 213)  
}
```

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, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 213) }
```

Border

The CSS property to change the border of an element to XYZ 78.1114, 80.0651, 74.2880 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, 228, 213) }
```


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

```
.border{ border-color:rgb(247, 228, 213) }
```

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

Here you see how a box with a 4 pixel rgb(247, 228, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1114, 80.0651, 74.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 213) }
```

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

```
.background{ background-color: rgb(247,  
228, 213) }
```

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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