

Converting Colors

XYZ(78.0250, 80.2551, 73.9970)

Have a look what the booklet for
XYZ(78.0250, 80.2551, 73.9970)
contains.

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Color

**XYZ(78.3873, 80.6169,
74.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E5D5
RGB	247, 229, 213
RGB Percent	97%, 90%, 84%
CMY	0.0314, 0.1019, 0.1647
CMYK	0.00, 0.07, 0.14, 0.03
HSL	28°, 68%, 90%
HSV	28°, 14%, 97%
XYZ	78.3873, 80.6169, 74.3799
YIQ	232.5580, 15.8640, -1.1600

Conversions

Conversions Part 2

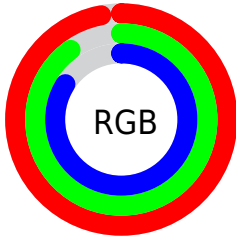
Format	Color
RYB	247, 243, 213
Decimal	16246229
CIELab	91.96, 3.54, 10.00
CIELCh	92, 10.607, 70.489
Yxy	80.6169, 0.3359, 0.3454
Android (android.graphics.Color)	4294436309 (0xFFFF7E5D5)
YUV	232.5580, -9.6421, 12.6656
Hunter-Lab	89.7869, -1.2900, 13.7347

Details

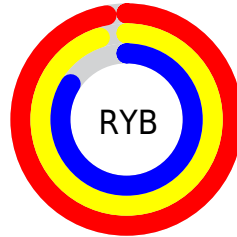
The XYZ color **78.3873, 80.6169, 74.3799** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.8046, 78.0116, 99.2169**, and the grayscale version is **77.1836, 81.2031, 88.4302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5428, 43.6879, 38.5381** is the 20% darker color. If you saturate the color by 10%, you get **72.0064, 72.4956, 57.9455**, and if you desaturate by 10%, it is **85.5225, 89.4812, 93.4234**.

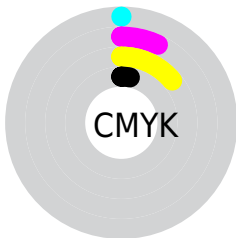
Distribution



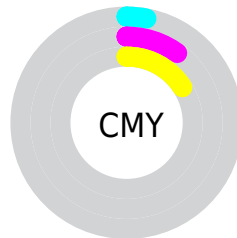
- Red (97%)
- Green (90%)
- Blue (84%)



- Red (97%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3873, 80.6169, 74.3799 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 78.3873, 80.6169, 74.3799 by changing the saturation by 10% instead.


 78.3873, 80.6169,
74.3799

 78.3873, 80.6169,
74.3799

478.3009,
497.0094, 494.9819

 58.6961, 60.2261,
54.6064


130.0584,
134.2327, 127.1732

 42.6139, 43.6009,
38.6902


162.7690,
168.2265, 161.0301

 29.7755, 30.3569,
26.2128


200.5502,
207.5235, 200.4184

 19.8155, 20.1096,
16.7557

243.7672,
252.5080, 245.7568

 12.3685, 12.4748,
9.9004

292.7854,
303.5645, 297.4639

 7.0691, 7.0679,
5.2282

347.9702,

 3.5521, 3.5046,

361.0773, 355.9580

2.3207

409.6869,
425.4308, 421.6579

■ 1.4520, 1.4005,
0.7428

■ 0.2928, 0.2171,
0.0000

■ 78.3873, 80.6169,
74.3799

■ 78.3873, 80.6169,
74.3799

■ 72.0064, 72.4956,
57.9455

■ 85.5225, 89.4812,
93.4234

■ 66.3459, 65.0861,
43.9996

■ 92.1681, 98.5143,
108.7651

■ 61.3784, 58.3703,
32.4199

■ 57.0725, 52.3253,
23.0715

■ 53.3937, 46.9267,
15.8055

■ 50.3037, 42.1481,
10.4550

■ 47.7590, 37.9606,
6.8265

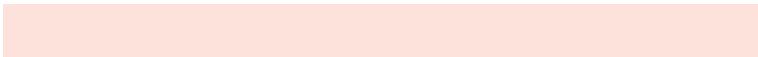
■ 45.7078, 34.3313,
4.6846

■ 44.6347, 32.3276,
3.8873

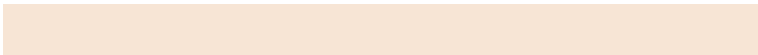
Harmonies

Analogous

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



80.6784, 80.6169, 78.3908



78.3873, 80.6169, 74.3799



75.6740, 80.6169, 73.8342

Triad

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



78.3873, 80.6169, 74.3799



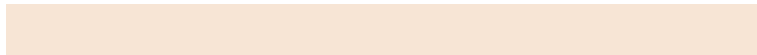
71.5864, 80.6169, 90.5383



80.0767, 80.6169, 99.6924

Complementary

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



78.3873, 80.6169, 74.3799



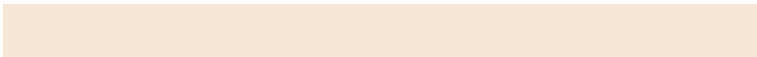
72.8046, 78.0116, 99.2169

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.



77.5818, 80.6169, 103.3756



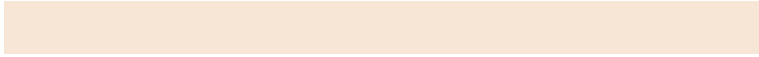
78.3873, 80.6169, 74.3799



72.7077, 80.6169, 97.8865

Square

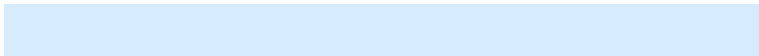
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3873, 80.6169, 74.3799



71.7905, 80.6169, 82.8610



74.8872, 80.6169, 102.6958



81.6696, 80.6169, 92.8860

Rectangle

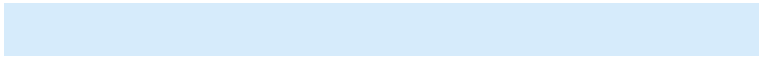
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3873, 80.6169, 74.3799



73.9961, 80.6169, 75.4716



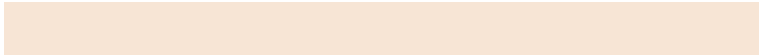
74.8872, 80.6169, 102.6958



79.3133, 80.6169, 101.3546

Sweetspot

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



78.3895, 80.6205, 74.3816



91.7528, 95.9641, 99.9132



76.5955, 73.1408, 85.7815



19.5094, 20.3809, 21.0350



0.0000, 0.0000, 0.0000



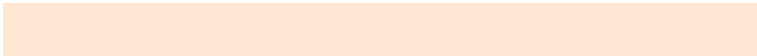
20.3446, 21.4041, 23.3091

Same Dimension

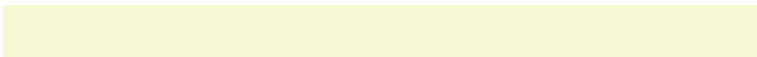
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3895, 80.6205, 74.3816



81.9520, 83.7407, 73.9004



83.2840, 90.4094, 76.0131



17.1424, 17.7689, 17.3238



23.7453, 17.3762, 2.1024



2.1890, 1.7312, 0.2188

Inverse Universe

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



72.8046, 78.0116, 99.2169



74.6927, 80.3494, 106.1800



68.3104, 69.0233, 97.7188



16.3073, 17.3788, 21.0375



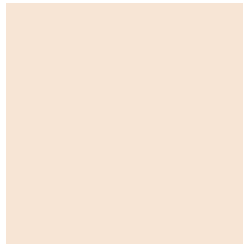
13.2957, 12.3852, 48.2278



1.2714, 1.2943, 4.2730

Previews

White Background



This preview shows how the XYZ color 78.3873, 80.6169, 74.3799 looks on a white background.

Color Contrast Check

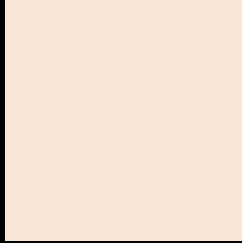
Large Text (above 18pt) WCAG AA × Fail

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 78.3873, 80.6169, 74.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

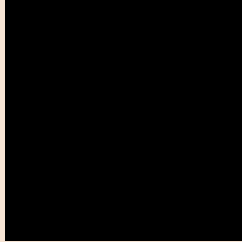
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3873, 80.6169, 74.3799

Background



This preview shows how black text looks on a background with the XYZ color 78.3873, 80.6169, 74.3799.

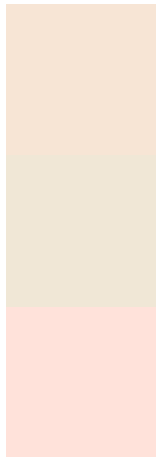


This preview shows how white text looks on a background with the XYZ color 78.3873, 80.6169,

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

78.3873, 80.6169, 74.3799

Protanopia

76.6487, 80.5321, 75.1228

Deuteranopia

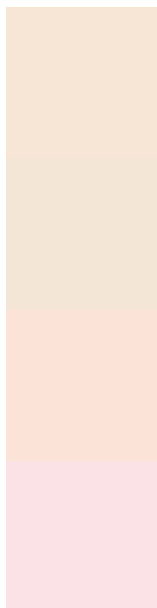
81.0912, 80.7147, 77.6352



Tritanopia

82.7359, 80.7705, 95.2340

Trichromacy



Original Color

78.3873, 80.6169, 74.3799

Protanomaly

77.3966, 80.5034, 75.0778

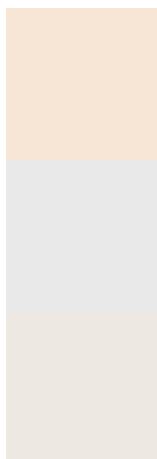
Deuteranomaly

80.0086, 80.5915, 76.3046

Tritanomaly

81.0445, 80.4862, 86.8652

Monochromacy



Original Color

78.3873, 80.6169, 74.3799

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.8440, 81.3814, 83.5569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3873, 80.6169, 74.3799 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, 229, 213) looks like.

```
.text, #text, p{  
    color:rgb(247, 229, 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, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 229, 213) }
```

Border

The CSS property to change the border of an element to XYZ 78.3873, 80.6169, 74.3799 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, 229, 213) }
```


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

```
.border{ border-color:rgb(247, 229, 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, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 229,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3873, 80.6169, 74.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 229, 213) }
```

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

```
.background{ background-color: rgb(247,  
229, 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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