

Converting Colors

XYZ(78.4271, 80.8989, 73.7688)

Have a look what the booklet for
XYZ(78.4271, 80.8989, 73.7688)
contains.

XYZ(78.5383, 81.1213, 73.8059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.5383, 81.1213,
73.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E6D4
RGB	247, 230, 212
RGB Percent	97%, 90%, 83%
CMY	0.0314, 0.0980, 0.1686
CMYK	0.00, 0.07, 0.14, 0.03
HSL	31°, 69%, 90%
HSV	31°, 14%, 97%
XYZ	78.5383, 81.1213, 73.8059
YIQ	233.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

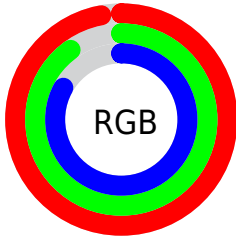
Format	Color
R _Y B	245, 247, 212
Decimal	16246484
CIE Lab	92.19, 2.88, 10.84
CIE LCh	92, 11.214, 75.145
Yxy	81.1213, 0.3364, 0.3475
Android (android.graphics.Color)	4294436564 (0xFFF7E6D4)
YUV	233.0310, -10.3683, 12.2508
Hunter-Lab	90.0674, -1.9668, 14.4618

Details

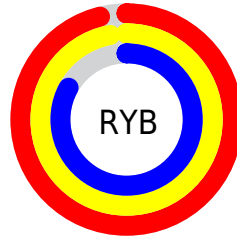
The XYZ color **78.5383, 81.1213, 73.8059** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.9589, 76.7495, 99.0180**, and the grayscale version is **77.5446, 81.5829, 88.8438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6510, 44.0414, 38.1512** is the 20% darker color. If you saturate the color by 10%, you get **72.4347, 73.5243, 57.5571**, and if you desaturate by 10%, it is **85.3527, 89.3756, 92.6452**.

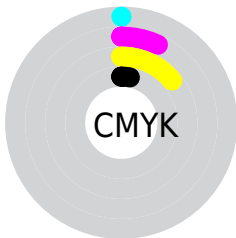
Distribution



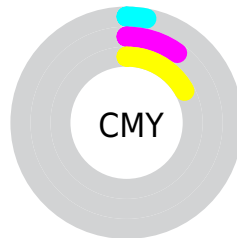
- Red (97%)
- Green (90%)
- Blue (83%)



- Red (96%)
- Yellow (97%)
- Blue (83%)



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




- Cyan (3%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5383, 81.1213, 73.8059 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 78.5383, 81.1213, 73.8059 by changing the saturation by 10% instead.


 78.5383, 81.1213,
73.8059

 78.5383, 81.1213,
73.8059


478.8049,
498.7037, 492.9487

 58.8206, 60.6415,
54.1394


130.2700,
134.9411, 126.3521

 42.7145, 43.9359,
38.3192


163.0148,
169.0498, 160.0689

 29.8547, 30.6201,
25.9267


200.8326,
208.4704, 199.3061

 19.8759, 20.3098,
16.5436


244.0888,
253.5871, 244.4824

 12.4126, 12.6204,
9.7511

293.1488,
304.7844, 296.0163

 7.0995, 7.1677,
5.1308

348.3779,

 3.5713, 3.5672,

362.4467, 354.3262

2.2641

410.1415,
426.9583, 419.8309

■ 1.4626, 1.4345,
0.7110

■ 0.3002, 0.2420,
0.0000

■ 78.5383, 81.1213,
73.8059

■ 78.5383, 81.1213,
73.8059

■ 72.4347, 73.5243,
57.5571

■ 85.3527, 89.3756,
92.6452

■ 67.0091, 66.5559,
43.7782

■ 91.8480, 97.8740,
108.6584

■ 62.2357, 60.2010,
32.3471

■ 92.1681, 98.5143,
108.7651

■ 58.0843, 54.4396,
23.1288

■ 54.5220, 49.2505,
15.9744

■ 51.5121, 44.6106,
10.7166

■ 49.0125, 40.4944,
7.1612

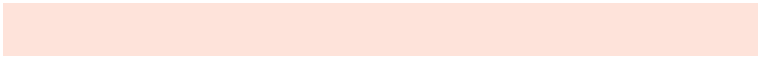
■ 46.9729, 36.8726,
5.0713

■ 45.9556, 34.9692,
4.3276

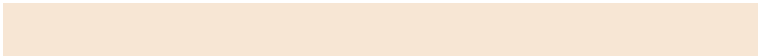
Harmonies

Analogous

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



81.0938, 81.1213, 77.5081



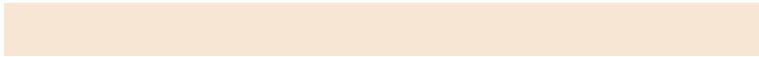
78.5383, 81.1213, 73.8059



75.6591, 81.1213, 73.8244

Triad

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



78.5383, 81.1213, 73.8059



71.8575, 81.1213, 92.5554



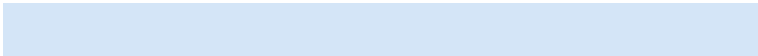
81.1144, 81.1213, 100.0471

Complementary

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



78.5383, 81.1213, 73.8059



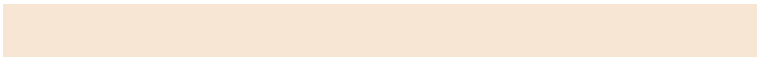
71.9589, 76.7495, 99.0180

Split Complementary

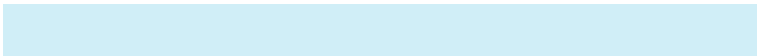
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5659, 81.1213, 104.6151



78.5383, 81.1213, 73.8059



73.2460, 81.1213, 100.1092

Square

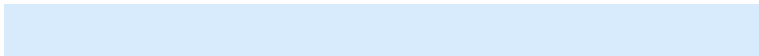
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5383, 81.1213, 73.8059



71.8505, 81.1213, 84.3056



75.6860, 81.1213, 104.6385



82.6062, 81.1213, 92.4749

Rectangle

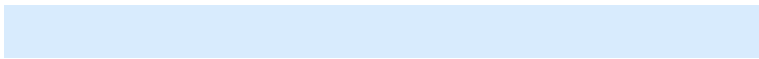
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5383, 81.1213, 73.8059



73.9453, 81.1213, 75.9302



75.6860, 81.1213, 104.6385



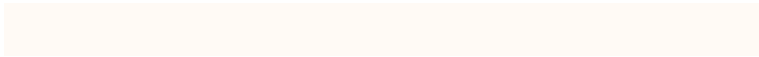
80.3501, 81.1213, 102.0053

Sweetspot

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



78.5405, 81.1249, 73.8076



91.8911, 96.2408, 99.9594



76.1150, 72.5473, 84.4876



19.5444, 20.4509, 21.0467



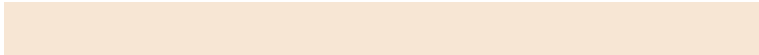
0.0000, 0.0000, 0.0000



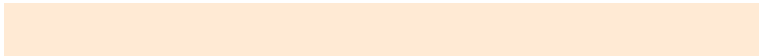
20.3446, 21.4041, 23.3091

Same Dimension

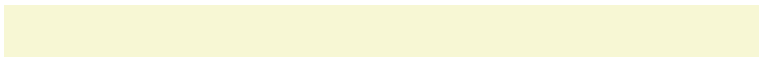
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5405, 81.1249, 73.8076



82.4882, 84.8131, 74.0791



83.5031, 91.0500, 75.4618



17.2041, 17.8924, 17.3444



24.4471, 18.7798, 2.3364



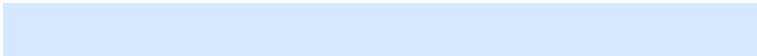
2.2516, 1.8564, 0.2396

Inverse Universe

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



71.9589, 76.7495, 99.0180



74.1546, 79.2731, 106.0006



67.4844, 67.8006, 97.5265



16.2454, 17.2550, 21.0169



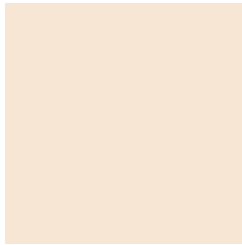
12.5681, 10.9299, 47.9853



1.2071, 1.1656, 4.2516

Previews

White Background



This preview shows how the XYZ color 78.5383, 81.1213, 73.8059 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 78.5383, 81.1213, 73.8059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

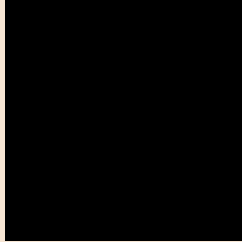
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

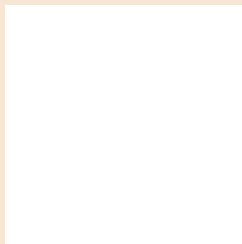
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5383, 81.1213, 73.8059

Background



This preview shows how black text looks on a background with the XYZ color 78.5383, 81.1213, 73.8059.

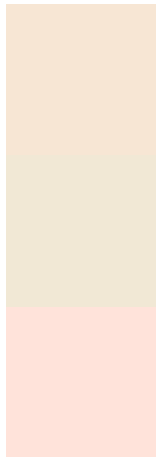


This preview shows how white text looks on a background with the XYZ color 78.5383, 81.1213,

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

78.5383, 81.1213, 73.8059

Protanopia

77.1425, 81.2181, 74.5616

Deuteranopia

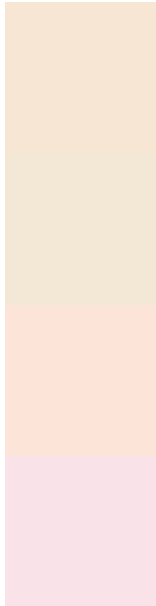
81.3640, 81.2601, 77.7261



Tritanopia

82.8865, 80.8307, 96.0273

Trichromacy



Original Color

78.5383, 81.1213, 73.8059

Protanomaly

77.5483, 81.0106, 74.5002

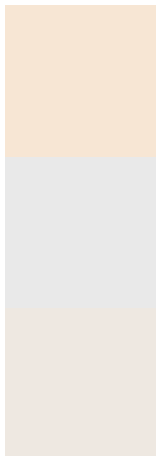
Deuteranomaly

80.2830, 81.1401, 76.3960

Tritanomaly

81.4589, 81.0884, 87.7022

Monochromacy



Original Color

78.5383, 81.1213, 73.8059

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7071, 81.3266, 82.8362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5383, 81.1213, 73.8059 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, 230, 212) looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 212)  
}
```

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, 230, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 212) }
```

Border

The CSS property to change the border of an element to XYZ 78.5383, 81.1213, 73.8059 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, 230, 212) }
```


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

```
.border{ border-color:rgb(247, 230, 212) }
```

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

Here you see how a box with a 4 pixel rgb(247, 230, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5383, 81.1213, 73.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 212) }
```

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

```
.background{ background-color: rgb(247,  
230, 212) }
```

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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