

Converting Colors

XYZ(79.9757, 81.7690, 75.3242)

Have a look what the booklet for
XYZ(79.9757, 81.7690, 75.3242)
contains.

XYZ(79.8588, 81.7727, 75.1930)	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(79.8588, 81.7727,
75.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6D6
RGB	250, 230, 214
RGB Percent	98%, 90%, 84%
CMY	0.0196, 0.0980, 0.1608
CMYK	0.00, 0.08, 0.14, 0.02
HSL	27°, 78%, 91%
HSV	27°, 14%, 98%
XYZ	79.8588, 81.7727, 75.1930
YIQ	234.1560, 17.0560, -0.7360

Conversions

Conversions Part 2

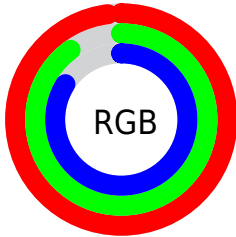
Format	Color
R _Y B	250, 243, 214
Decimal	16443094
CIE Lab	92.47, 4.25, 10.24
CIE LCh	92, 11.089, 67.490
Yxy	81.7727, 0.3372, 0.3453
Android (android.graphics.Color)	4294633174 (0xFFFAE6D6)
YUV	234.1560, -9.9369, 13.8952
Hunter-Lab	90.4283, -0.6129, 13.9989

Details

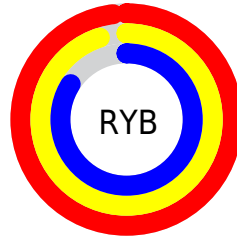
The XYZ color **79.8588, 81.7727, 75.1930** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.4094, 80.0423, 101.9712**, and the grayscale version is **78.3906, 82.4730, 89.8131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5803, 44.5006, 39.0934** is the 20% darker color. If you saturate the color by 10%, you get **73.1969, 73.1718, 58.4107**, and if you desaturate by 10%, it is **87.3231, 91.1925, 94.6622**.

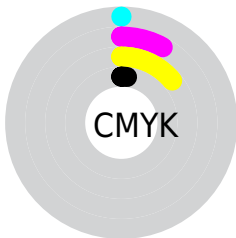
Distribution



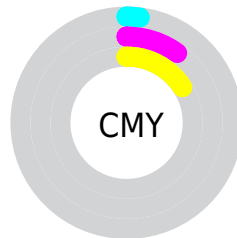
- Red (98%)
- Green (90%)
- Blue (84%)



- Red (98%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8588, 81.7727, 75.1930 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 79.8588, 81.7727, 75.1930 by changing the saturation by 10% instead.


 79.8588, 81.7727,
75.1930

 79.8588, 81.7727,
75.1930


483.2006,
500.8871, 497.8538

 59.9102, 61.1782,
55.2683


132.1188,
135.8552, 128.3351

 43.5955, 44.3690,
39.2166


165.1609,
170.1120, 162.3897

 30.5491, 30.9607,
26.6191


203.2982,
209.6917, 201.9913

 20.4059, 20.5689,
17.0575

246.8961,
254.9786, 247.5584

 12.8004, 12.8093,
10.1131

296.3199,
306.3572, 299.5097

 7.3673, 7.2973,
5.3674

351.9351,

 3.7412, 3.6487,

364.2119, 358.2637

2.4019

414.1069,
428.9271, 424.2389

■ 1.5568, 1.4791,
0.7875

■ 0.3640, 0.2739,
0.0000

■ 79.8588, 81.7727,
75.1930

■ 79.8588, 81.7727,
75.1930

■ 73.1969, 73.1718,
58.4107

■ 87.3231, 91.1925,
94.6622

■ 67.3013, 65.3559,
44.1904

■ 93.2347, 99.0642,
108.8150

■ 62.1429, 58.3041,
32.4052

■ 57.6878, 51.9906,
22.9147

■ 53.8991, 46.3879,
15.5644

■ 50.7361, 41.4662,
10.1803

■ 48.1520, 37.1928,
6.5606

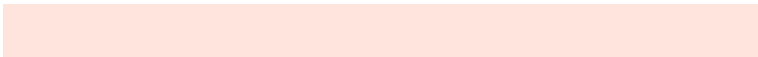
■ 46.0914, 33.5307,
4.4583

■ 45.1249, 31.7246,
3.7451

Harmonies

Analogous

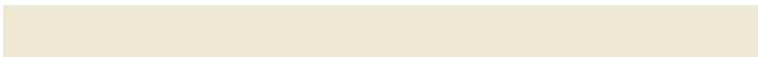
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1932, 81.7727, 79.7415



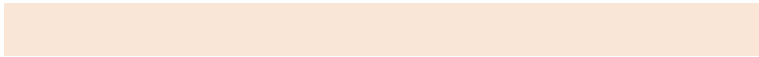
79.8588, 81.7727, 75.1930



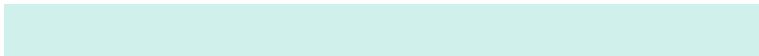
77.0039, 81.7727, 74.2398

Triad

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



79.8588, 81.7727, 75.1930



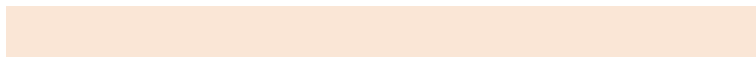
72.3678, 81.7727, 91.1170



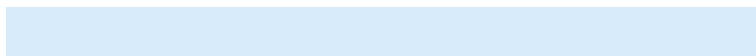
81.1369, 81.7727, 102.2028

Complementary

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



79.8588, 81.7727, 75.1930



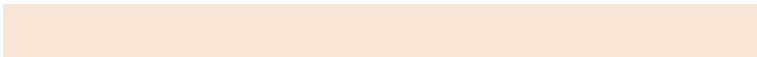
74.4094, 80.0423, 101.9712

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.



78.4456, 81.7727, 105.6793



79.8588, 81.7727, 75.1930



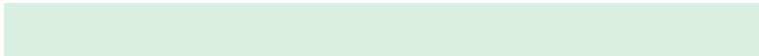
73.4169, 81.7727, 99.0273

Square

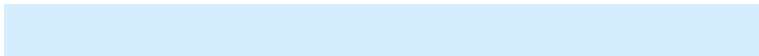
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8588, 81.7727, 75.1930



72.7251, 81.7727, 83.1102



75.6246, 81.7727, 104.4828



82.9437, 81.7727, 95.2382

Rectangle

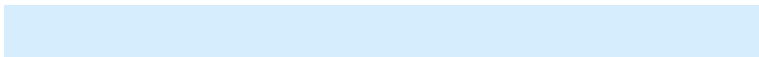
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8588, 81.7727, 75.1930



75.1978, 81.7727, 75.7138



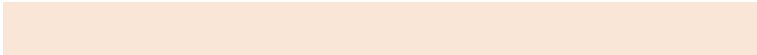
75.6246, 81.7727, 104.4828



80.3031, 81.7727, 103.8371

Sweetspot

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



79.8610, 81.7763, 75.1947



91.6701, 95.7988, 99.8857



78.3807, 74.3818, 88.3705



19.4885, 20.3391, 21.0281



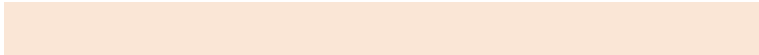
0.0000, 0.0000, 0.0000



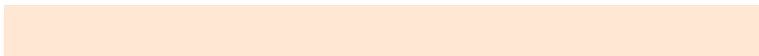
20.3446, 21.4041, 23.3091

Same Dimension

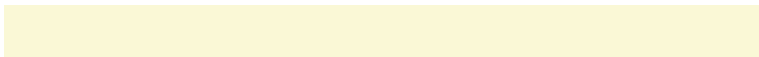
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8610, 81.7763, 75.1947



81.6337, 83.1042, 73.7943



85.0074, 92.0690, 76.9102



17.8798, 18.4954, 18.0900



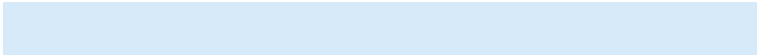
24.0738, 17.1043, 2.0326



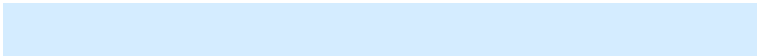
2.3335, 1.7919, 0.2229

Inverse Universe

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



74.4094, 80.0423, 101.9712



75.0177, 80.9993, 106.2883



69.6464, 70.5164, 100.3836



17.0826, 18.2419, 22.0060



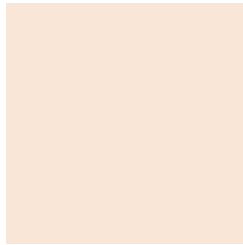
14.1849, 13.7253, 49.8752



1.4195, 1.4827, 4.6545

Previews

White Background



This preview shows how the XYZ color 79.8588, 81.7727, 75.1930 looks on a white background.

Color Contrast Check

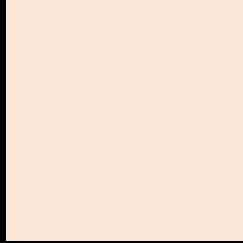
Large Text (above 18pt) WCAG AA × Fail

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 79.8588, 81.7727, 75.1930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

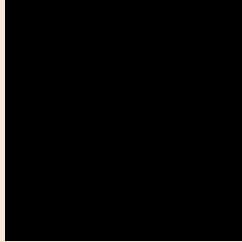
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8588, 81.7727, 75.1930

Background



This preview shows how black text looks on a background with the XYZ color 79.8588, 81.7727, 75.1930.



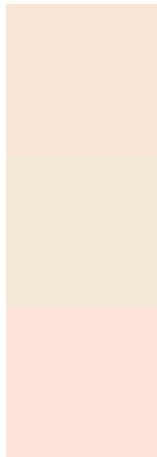
This preview shows how white text looks on a background with the XYZ color 79.8588, 81.7727,

75.1930.

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

79.8588, 81.7727, 75.1930

Protanopia

78.0226, 82.0614, 76.0172

Deuteranopia

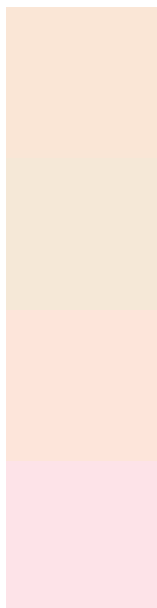
81.9017, 81.9141, 79.2045



Tritanopia

84.2471, 81.9346, 96.1687

Trichromacy



Original Color

79.8588, 81.7727, 75.1930

Protanomaly

78.7785, 82.0320, 75.9717

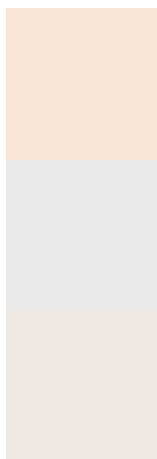
Deuteranomaly

81.1822, 81.9832, 77.8752

Tritanomaly

82.5426, 81.6470, 87.7529

Monochromacy



Original Color

79.8588, 81.7727, 75.1930

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9392, 82.3491, 84.4075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8588, 81.7727, 75.1930 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, 230, 214) looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 214)  
}
```

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, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 214) }
```

Border

The CSS property to change the border of an element to XYZ 79.8588, 81.7727, 75.1930 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, 230, 214) }
```


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

```
.border{ border-color:rgb(250, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8588, 81.7727, 75.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 214) }
```

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

```
.background{ background-color: rgb(250,  
230, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor