

Converting Colors

XYZ(78.7604, 81.7574, 74.3138)

Have a look what the booklet for
XYZ(78.7604, 81.7574, 74.3138)
contains.

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Color

**XYZ(78.5922, 81.5488,
74.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E7D5
RGB	246, 231, 213
RGB Percent	96%, 91%, 84%
CMY	0.0353, 0.0941, 0.1647
CMYK	0.00, 0.06, 0.13, 0.04
HSL	33°, 65%, 90%
HSV	33°, 13%, 96%
XYZ	78.5922, 81.5488, 74.5490
YIQ	233.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

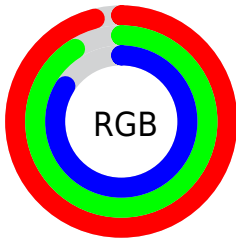
Format	Color
R _Y B	241, 246, 213
Decimal	16181205
CIE Lab	92.38, 2.16, 10.58
CIE LCh	92, 10.798, 78.436
Yxy	81.5488, 0.3349, 0.3475
Android (android.graphics.Color)	4294371285 (0xFFFF6E7D5)
YUV	233.4330, -10.0735, 11.0213
Hunter-Lab	90.3044, -2.6835, 14.2674

Details

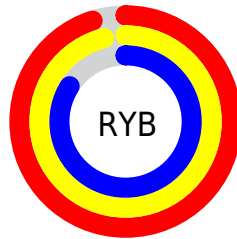
The XYZ color **78.5922, 81.5488, 74.5490** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.8182, 76.2851, 98.1288**, and the grayscale version is **77.8461, 81.9001, 89.1893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7367, 44.0757, 38.6027** is the 20% darker color. If you saturate the color by 10%, you get **72.6748, 74.3372, 58.3224**, and if you desaturate by 10%, it is **85.1875, 89.3567, 93.3402**.

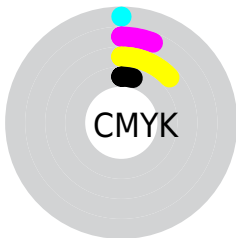
Distribution



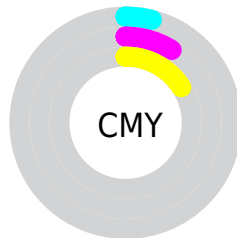
- Red (96%)
- Green (91%)
- Blue (84%)



- Red (95%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5922, 81.5488, 74.5490 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 78.5922, 81.5488, 74.5490 by changing the saturation by 10% instead.


 78.5922, 81.5488,
74.5490

 78.5922, 81.5488,
74.5490


478.9848,
500.1372, 495.5800

 58.8650, 60.9937,
54.7440


130.3456,
135.5411, 127.4150

 42.7504, 44.2201,
38.7996


163.1025,
169.7470, 161.3130

 29.8830, 30.8436,
26.2972


200.9334,
209.2721, 200.7458

 19.8975, 20.4798,
16.8184

244.2036,
254.5006, 246.1319

 12.4284, 12.7443,
9.9445

293.2785,
305.8170, 297.8898

 7.1104, 7.2527,
5.2570

348.5234,

 3.5782, 3.6206,

363.6056, 356.4381

2.3375

410.3037,
428.2509, 422.1953

■ 1.4664, 1.4637,
0.7521

■ 0.3028, 0.2630,
0.0000

■ 78.5922, 81.5488,
74.5490

■ 78.5922, 81.5488,
74.5490

■ 72.6748, 74.3372,
58.3224

■ 85.1875, 89.3567,
93.3402

■ 67.4039, 67.6953,
44.5420

■ 91.2962, 97.2927,
108.5753

■ 62.7547, 61.6099,
33.0877

■ 91.8163, 98.3330,
108.7487

■ 58.6987, 56.0631,
23.8271

■ 55.2042, 51.0359,
16.6145

■ 52.2363, 46.5075,
11.2859

■ 49.7548, 42.4551,
7.6520

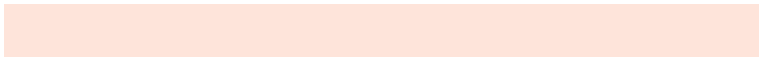
■ 47.7120, 38.8523,
5.4827

■ 46.5617, 36.7036,
4.6304

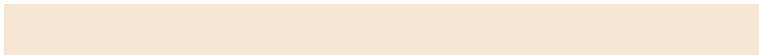
Harmonies

Analogous

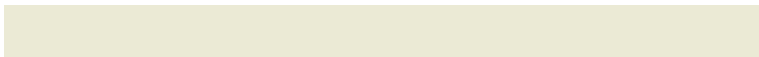
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1308, 81.5488, 77.7656



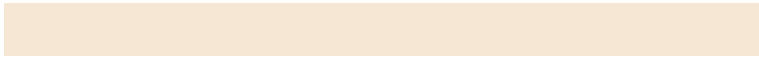
78.5922, 81.5488, 74.5490



75.8222, 81.5488, 74.9748

Triad

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



78.5922, 81.5488, 74.5490



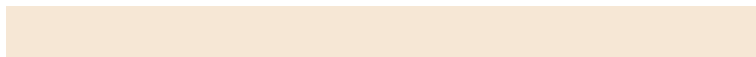
72.5214, 81.5488, 93.7506



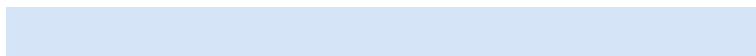
81.6014, 81.5488, 99.4026

Complementary

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



78.5922, 81.5488, 74.5490



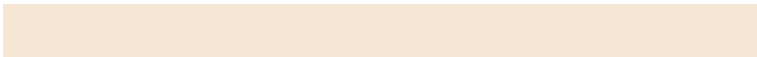
71.8182, 76.2851, 98.1288

Split Complementary

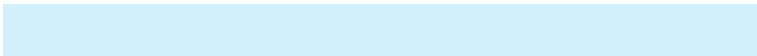
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2220, 81.5488, 104.2120



78.5922, 81.5488, 74.5490



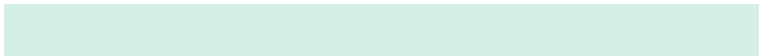
73.9979, 81.5488, 100.8160

Square

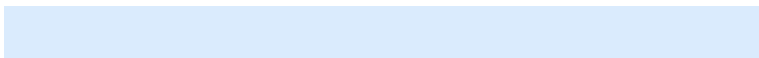
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5922, 81.5488, 74.5490



72.3620, 81.5488, 85.7425



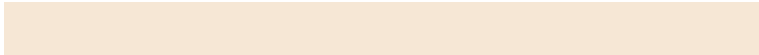
76.4372, 81.5488, 104.7443



82.8959, 81.5488, 91.9146

Rectangle

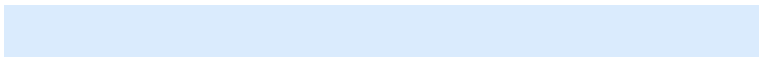
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5922, 81.5488, 74.5490



74.2161, 81.5488, 77.2722



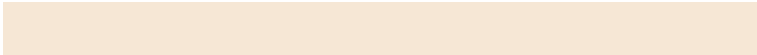
76.4372, 81.5488, 104.7443



80.8993, 81.5488, 101.4050

Sweetspot

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



78.5944, 81.5524, 74.5507



91.9901, 96.4387, 99.9923



75.8604, 72.8061, 83.7459



19.5694, 20.5010, 21.0551



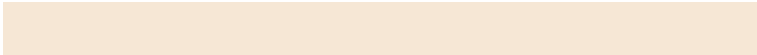
0.0000, 0.0000, 0.0000



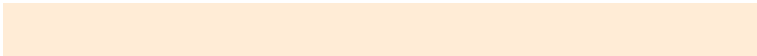
20.3446, 21.4041, 23.3091

Same Dimension

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



78.5944, 81.5524, 74.5507



83.5314, 86.3817, 76.0231



82.5881, 90.1109, 75.9922



17.2484, 17.9810, 17.3592



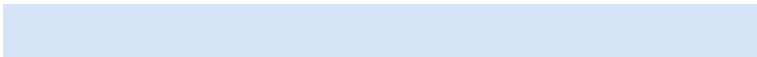
24.9948, 19.8751, 2.5189



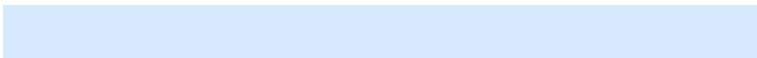
2.2995, 1.9521, 0.2556

Inverse Universe

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



71.8182, 76.2851, 98.1288



74.9052, 79.6767, 106.0390



68.1906, 68.5547, 96.8278



16.2014, 17.1671, 21.0022



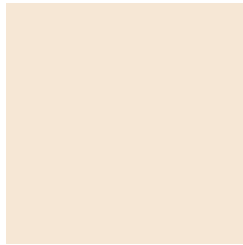
12.0949, 9.9836, 47.8276



1.1643, 1.0801, 4.2373

Previews

White Background



This preview shows how the XYZ color 78.5922, 81.5488, 74.5490 looks on a white background.

Color Contrast Check

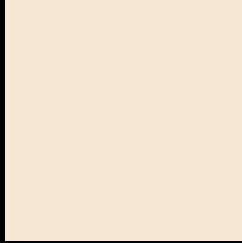
Large Text (above 18pt) WCAG AA × Fail

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 78.5922, 81.5488, 74.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

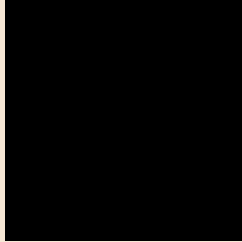
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5922, 81.5488, 74.5490

Background



This preview shows how black text looks on a background with the XYZ color 78.5922, 81.5488, 74.5490.

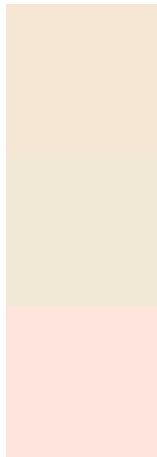


This preview shows how white text looks on a background with the XYZ color 78.5922, 81.5488,

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

78.5922, 81.5488, 74.5490

Protanopia

77.6122, 81.4455, 75.2483

Deuteranopia

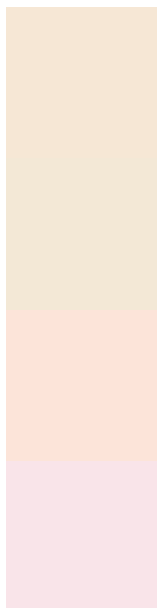
81.6274, 81.3655, 79.1130



Tritanopia

82.9498, 81.2484, 96.8985

Trichromacy



Original Color

78.5922, 81.5488, 74.5490

Protanomaly

77.9564, 81.6230, 75.2644

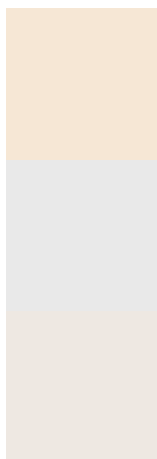
Deuteranomaly

80.4127, 81.1920, 77.0791

Tritanomaly

81.5183, 81.5097, 88.5273

Monochromacy



Original Color

78.5922, 81.5488, 74.5490

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 78.5922, 81.5488, 74.5490 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(246, 231, 213) looks like.

```
.text, #text, p{  
    color:rgb(246, 231, 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(246, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 213) }
```

Border

The CSS property to change the border of an element to XYZ 78.5922, 81.5488, 74.5490 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(246, 231, 213) }
```


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

```
.border{ border-color:rgb(246, 231, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5922, 81.5488, 74.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 231, 213) }
```

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

```
.background{ background-color: rgb(246,  
231, 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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