

Converting Colors

XYZ(78.3598, 81.5822, 75.6276)

Have a look what the booklet for
XYZ(78.3598, 81.5822, 75.6276)
contains.

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Color

**XYZ(78.1499, 81.2912,
75.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E7D7
RGB	244, 231, 215
RGB Percent	96%, 91%, 84%
CMY	0.0431, 0.0941, 0.1569
CMYK	0.00, 0.05, 0.12, 0.04
HSL	33°, 57%, 90%
HSV	33°, 12%, 96%
XYZ	78.1499, 81.2912, 75.8618
YIQ	233.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

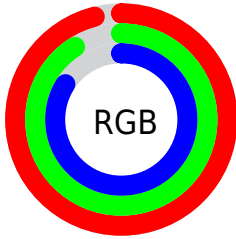
Format	Color
R_{YB}	239, 244, 215
Decimal	16050135
CIE Lab	92.26, 1.78, 9.35
CIE LCh	92, 9.520, 79.255
Yxy	81.2912, 0.3321, 0.3455
Android (android.graphics.Color)	4294240215 (0xFFFF4E7D7)
YUV	233.0630, -8.9051, 9.5917
Hunter-Lab	90.1616, -3.0634, 13.2267

Details

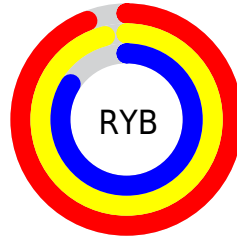
The XYZ color **78.1499, 81.2912, 75.8618** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.0967, 76.4642, 96.5480**, and the grayscale version is **77.5595, 81.5987, 88.8610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4142, 43.8894, 39.4937** is the 20% darker color. If you saturate the color by 10%, you get **72.2808, 74.2014, 59.5734**, and if you desaturate by 10%, it is **84.6823, 88.9577, 94.6803**.

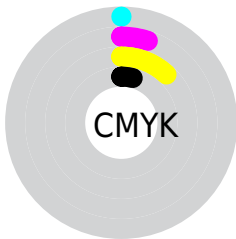
Distribution



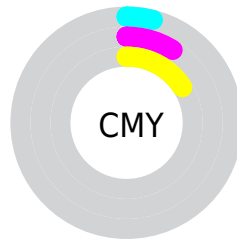
- Red (96%)
- Green (91%)
- Blue (84%)



- Red (94%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1499, 81.2912, 75.8618 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 78.1499, 81.2912, 75.8618 by changing the saturation by 10% instead.

78.1499, 81.2912,
75.8618

78.1499, 81.2912,
75.8618

477.5078,
499.2737, 500.2087

58.5003, 60.7815,
55.8132

129.7257,
135.1796, 129.2898

42.4558, 44.0488,
39.6502

162.3826,
169.3270, 163.5064

29.6511, 30.7089,
26.9542

200.1060,
208.7891, 203.2826

19.7206, 20.3773,
17.3067

243.2612,
253.9503, 249.0371

12.2992, 12.6696,
10.2891

292.2137,
305.1949, 301.1885

7.0214, 7.2014,
5.4830

347.3287,

3.5220, 3.5884,

362.9075, 360.1551

2.4697

408.9716,
427.4722, 426.3557

■ 1.4354, 1.4461,
0.8240

■ 0.2813, 0.2503,
0.0000

■ 78.1499, 81.2912,
75.8618

■ 78.1499, 81.2912,
75.8618

■ 72.2808, 74.2014,
59.5734

■ 84.6823, 88.9577,
94.6803

■ 67.0442, 67.6623,
45.6999

■ 90.4442, 96.6245,
108.4912

■ 62.4168, 61.6615,
34.1252

■ 91.1186, 97.9733,
108.7160

■ 58.3706, 56.1820,
24.7213

■ 54.8755, 51.2058,
17.3476

■ 51.8979, 46.7130,
11.8467

■ 49.3998, 42.6821,
8.0375

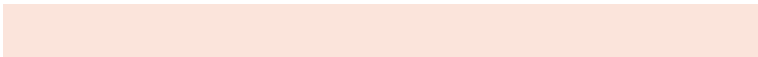
■ 47.3357, 39.0882,
5.7025

■ 45.9251, 36.4662,
4.6182

Harmonies

Analogous

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



80.3928, 81.2912, 78.6428



78.1499, 81.2912, 75.8618



75.7158, 81.2912, 76.3321

Triad

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



78.1499, 81.2912, 75.8618



72.8858, 81.2912, 93.0541



80.9033, 81.2912, 97.6497

Complementary

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



78.1499, 81.2912, 75.8618



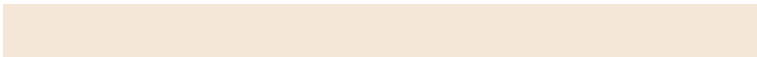
72.0967, 76.4642, 96.5480

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.



78.8349, 81.2912, 101.9238



78.1499, 81.2912, 75.8618



74.2191, 81.2912, 99.1748

Square

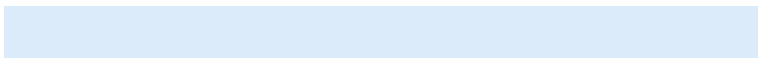
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1499, 81.2912, 75.8618



72.7112, 81.2912, 86.0111



76.3865, 81.2912, 102.4963



82.0047, 81.2912, 91.0615

Rectangle

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



78.1499, 81.2912, 75.8618



74.3109, 81.2912, 78.4337



76.3865, 81.2912, 102.4963



80.2960, 81.2912, 99.4193

Sweetspot

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



78.1521, 81.2948, 75.8635



92.0100, 96.4786, 99.9990



75.6202, 73.4393, 83.6258



19.5744, 20.5111, 21.0567



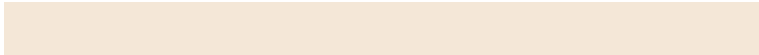
0.0000, 0.0000, 0.0000



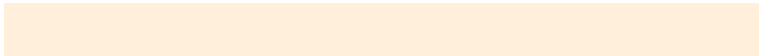
20.3446, 21.4041, 23.3091

Same Dimension

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



78.1521, 81.2948, 75.8635



84.9328, 88.1245, 79.7584



81.4244, 88.5833, 77.0979



17.2574, 17.9989, 17.3621



25.1098, 20.1052, 2.5573



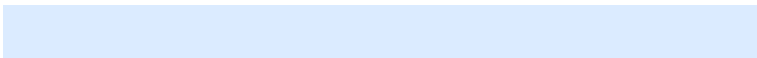
2.3094, 1.9721, 0.2589

Inverse Universe

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



72.0967, 76.4642, 96.5480



77.1475, 81.9141, 106.3526



69.0827, 69.8013, 95.4208



16.1926, 17.1494, 20.9993



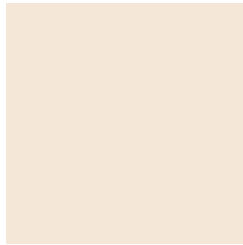
12.0042, 9.8022, 47.7973



1.1560, 1.0635, 4.2346

Previews

White Background



This preview shows how the XYZ color 78.1499, 81.2912, 75.8618 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 78.1499, 81.2912, 75.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

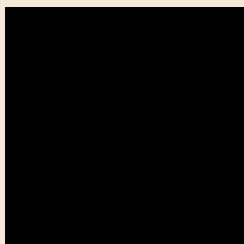
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

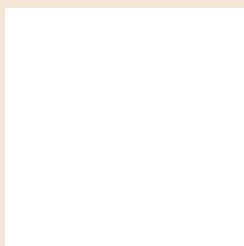
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1499, 81.2912, 75.8618

Background



This preview shows how black text looks on a background with the XYZ color 78.1499, 81.2912, 75.8618.



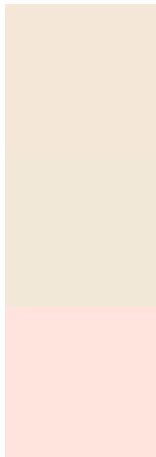
This preview shows how white text looks on a background with the XYZ color 78.1499, 81.2912,

75.8618.

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

78.1499, 81.2912, 75.8618

Protanopia

77.5269, 81.3719, 76.5860

Deuteranopia

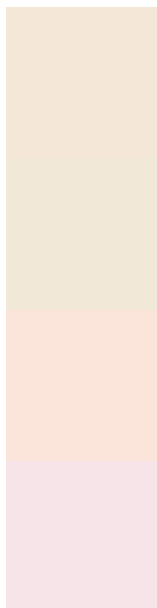
81.6274, 81.3655, 79.1130



Tritanopia

82.5096, 81.4263, 96.9561

Trichromacy



Original Color

78.1499, 81.2912, 75.8618

Protanomaly

77.8692, 81.5483, 76.6020

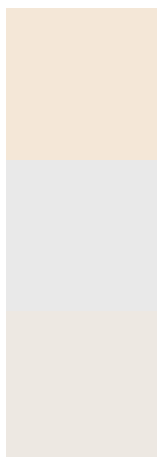
Deuteranomaly

80.1820, 81.0580, 77.7494

Tritanomaly

80.8092, 81.1442, 88.4941

Monochromacy



Original Color

78.1499, 81.2912, 75.8618

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.5091, 81.2087, 83.5412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1499, 81.2912, 75.8618 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(244, 231, 215) looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 215)  
}
```

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(244, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.1499, 81.2912, 75.8618 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(244, 231, 215) }
```


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

```
.border{ border-color:rgb(244, 231, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 231, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1499, 81.2912, 75.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 231, 215) }
```

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

```
.background{ background-color: rgb(244,  
231, 215) }
```

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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