

Converting Colors

XYZ(78.7243, 79.2850, 83.0814)

Have a look what the booklet for
XYZ(78.7243, 79.2850, 83.0814)
contains.

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Color

**XYZ(78.9299, 79.4765,
83.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E2E2
RGB	246, 226, 226
RGB Percent	96%, 89%, 89%
CMY	0.0353, 0.1137, 0.1137
CMYK	0.00, 0.08, 0.08, 0.04
HSL	0°, 53%, 93%
HSV	0°, 8%, 96%
XYZ	78.9299, 79.4765, 83.1320
YIQ	231.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

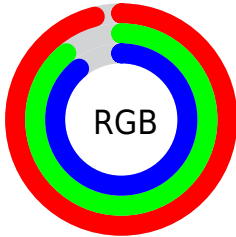
Format	Color
R _Y B	246, 226, 226
Decimal	16179938
CIE Lab	91.45, 6.83, 2.46
CIE LCh	91, 7.257, 19.831
Yxy	79.4765, 0.3268, 0.3290
Android (android.graphics.Color)	4294370018 (0xFF6E2E2)
YUV	231.9800, -2.9481, 12.2955
Hunter-Lab	89.1496, 2.0258, 7.1168

Details

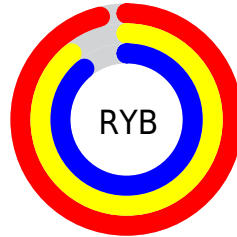
The XYZ color **78.9299, 79.4765, 83.1320** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.9543, 88.7328, 100.0503**, and the grayscale version is **76.7038, 80.6984, 87.8805**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1488, 43.0132, 44.5563** is the 20% darker color. If you saturate the color by 10%, you get **69.5789, 65.7940, 64.5386**, and if you desaturate by 10%, it is **89.7290, 95.2783, 104.5993**.

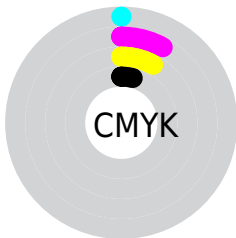
Distribution



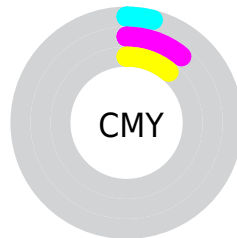
- Red (96%)
- Green (89%)
- Blue (89%)



- Red (96%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9299, 79.4765, 83.1320 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 78.9299, 79.4765, 83.1320 by changing the saturation by 10% instead.


 78.9299, 79.4765,
83.1320

 78.9299, 79.4765,
83.1320


480.1108,
493.1669, 525.4089

 59.1436, 59.2877,
61.7578


130.8186,
132.6295, 139.6112

 42.9755, 42.8447,
44.4025


163.6518,
166.3624, 175.5533

 30.0604, 29.7633,
30.6476


201.5645,
205.3788, 217.1885

 20.0327, 19.6590,
20.0744

244.9223,
250.0631, 264.9352

 12.5272, 12.1474,
12.2645

294.0905,
300.7996, 319.2121

 7.1786, 6.8442,
6.7994

349.4344,

 3.6213, 3.3648,

357.9728, 380.4376

3.2604

411.3194,
421.9671, 449.0304

■ 1.4902, 1.3250,
1.2291

■ 0.3192, 0.1605,
0.0026

■ 78.9299, 79.4765,
83.1320

■ 78.9299, 79.4765,
83.1320

■ 69.5789, 65.7940,
64.5386

■ 89.7290, 95.2783,
104.5993

■ 61.6083, 54.1309,
48.6925

■ 91.8165, 98.3331,
108.7487

■ 54.9546, 44.3948,
35.4649

■ 49.5470, 36.4819,
24.7150

■ 45.3080, 30.2789,
16.2886

■ 42.1515, 25.6597,
10.0145

■ 39.9794, 22.4810,
5.6977

■ 38.6762, 20.5736,
3.1081

■ 38.0822, 19.7041,
1.9282

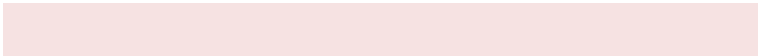
Harmonies

Analogous

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



79.0894, 79.4765, 88.3443



78.9299, 79.4765, 83.1320



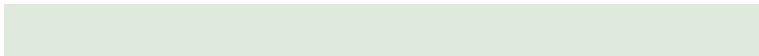
77.8538, 79.4765, 78.9956

Triad

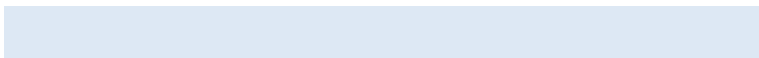
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9299, 79.4765, 83.1320



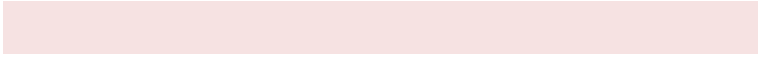
72.8589, 79.4765, 80.1408



74.9148, 79.4765, 96.9373

Complementary

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



78.9299, 79.4765, 83.1320



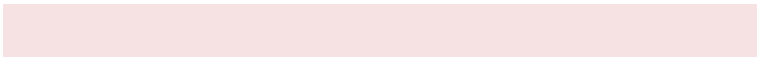
80.9543, 88.7328, 100.0503

Split Complementary

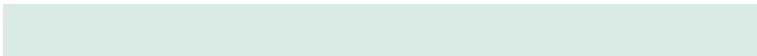
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2726, 79.4765, 94.5425



78.9299, 79.4765, 83.1320



72.0985, 79.4765, 84.7533

Square

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



78.9299, 79.4765, 83.1320



74.3418, 79.4765, 77.3180



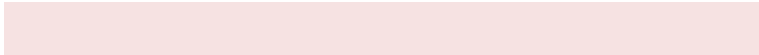
72.2486, 79.4765, 90.0325



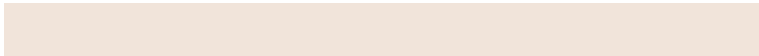
76.7511, 79.4765, 96.4599

Rectangle

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



78.9299, 79.4765, 83.1320



76.7710, 79.4765, 77.3370



72.2486, 79.4765, 90.0325



74.3223, 79.4765, 96.4378

Sweetspot

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



78.9321, 79.4800, 83.1337



92.6345, 96.4656, 104.0976



81.8381, 80.6406, 98.4417



19.8529, 20.6846, 22.3315



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.



78.9321, 79.4800, 83.1337



83.6121, 83.2637, 86.1600



81.7301, 85.0759, 84.0664



16.4995, 16.4831, 17.1095



20.2866, 10.4587, 0.9495



1.7831, 0.9194, 0.0835

Inverse Universe

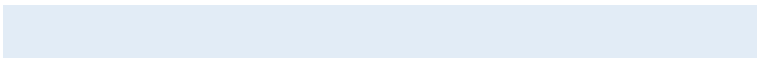
The Inverse Universe completely reimagines the original color for something new.



80.9543, 88.7328, 100.0503



86.2812, 95.4771, 108.4892



77.9952, 82.8147, 99.0639



16.9965, 18.7572, 21.2673



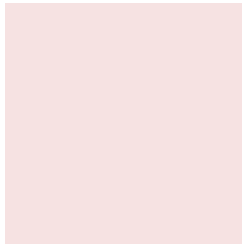
26.4614, 38.7166, 52.6164



2.3258, 3.4030, 4.6245

Previews

White Background



This preview shows how the XYZ color 78.9299, 79.4765, 83.1320 looks on a white background.

Color Contrast Check

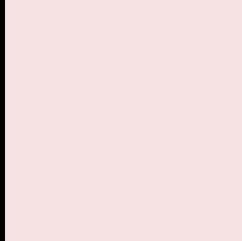
Large Text (above 18pt) WCAG AA × Fail

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 78.9299, 79.4765, 83.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

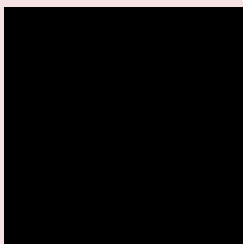
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9299, 79.4765, 83.1320

Background



This preview shows how black text looks on a background with the XYZ color 78.9299, 79.4765, 83.1320.

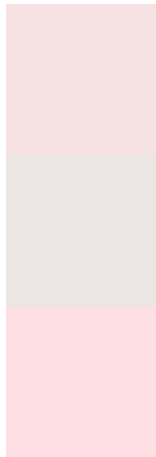


This preview shows how white text looks on a background with the XYZ color 78.9299, 79.4765,

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

78.9299, 79.4765, 83.1320

Protanopia

76.2839, 79.3022, 84.6851

Deuteranopia

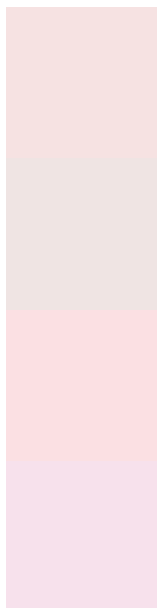
81.1259, 79.3922, 83.7215



Tritanopia

81.2442, 79.6186, 94.3050

Trichromacy



Original Color

78.9299, 79.4765, 83.1320

Protanomaly

77.2051, 79.3836, 83.9265

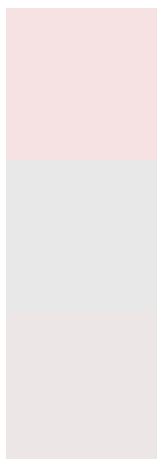
Deuteranomaly

80.3044, 79.3666, 83.7598

Tritanomaly

80.4233, 79.6807, 90.4980

Monochromacy



Original Color

78.9299, 79.4765, 83.1320

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.5048, 80.3113, 86.2796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9299, 79.4765, 83.1320 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, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(246, 226, 226)  
}
```

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, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 78.9299, 79.4765, 83.1320 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, 226, 226) }
```


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

```
.border{ border-color:rgb(246, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 226, 226); box-shadow:4px 4px 4px 4px rgb(246, 226, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9299, 79.4765, 83.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 226, 226) }
```

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

```
.background{ background-color: rgb(246,  
226, 226) }
```

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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