

# Converting Colors

XYZ(78.7062, 78.9252, 85.0808)

Have a look what the booklet for  
XYZ(78.7062, 78.9252, 85.0808)  
contains.

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# Color

**XYZ(78.7243, 78.9200,  
85.2126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E1E5
RGB	245, 225, 229
RGB Percent	96%, 88%, 90%
CMY	0.0392, 0.1176, 0.1020
CMYK	0.00, 0.08, 0.07, 0.04
HSL	348°, 50%, 92%
HSV	348°, 8%, 96%
XYZ	78.7243, 78.9200, 85.2126
YIQ	231.4360, 10.6360, 5.4840

# Conversions

## Conversions Part 2

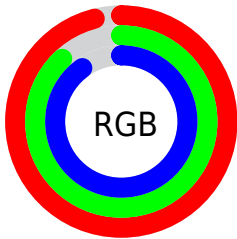
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	245, 225, 229
Decimal	16114149
CIE Lab	91.20, 7.50, 0.52
CIE LCh	91, 7.520, 3.936
Yxy	78.9200, 0.3242, 0.3250
Android (android.graphics.Color)	4294304229 (0xFF5E1E5)
YUV	231.4360, -1.2009, 11.8956
Hunter-Lab	88.8369, 2.7161, 5.3147

# Details

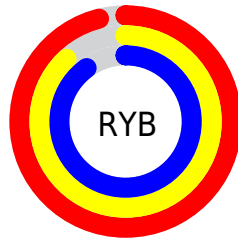
The XYZ color **78.7243, 78.9200, 85.2126** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5840, 87.6654, 95.9501**, and the grayscale version is **76.2854, 80.2582, 87.4012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0010, 42.6243, 46.0053** is the 20% darker color. If you saturate the color by 10%, you get **69.9862, 65.5790, 69.5493**, and if you desaturate by 10%, it is **88.7264, 94.2922, 102.8242**.

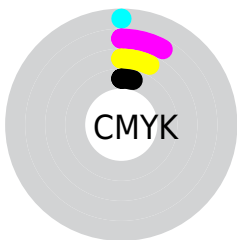
# Distribution



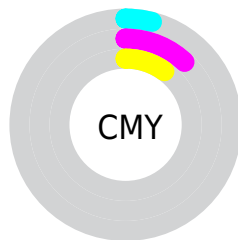
- Red (96%)
- Green (88%)
- Blue (90%)



- Red (96%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7243, 78.9200, 85.2126 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 78.7243, 78.9200, 85.2126 by changing the saturation by 10% instead.



 78.7243, 78.9200,  
85.2126

 78.7243, 78.9200,  
85.2126

479.4254,  
491.2857, 532.4942

 58.9740, 58.8300,  
63.4659

130.5306,  
131.8462, 142.5470

 42.8385, 42.4763,  
45.7748


163.3174,  
165.4513, 178.9717

 29.9524, 29.4744,  
31.7208


201.1803,  
204.3302, 221.1262

 19.9503, 19.4400,  
20.8853

244.4848,  
248.8673, 269.4291

 12.4670, 11.9887,  
12.8497

293.5962,  
299.4470, 324.2987

 7.1370, 6.7360,  
7.1956

348.8799,

 3.5950, 3.2975,

356.4537, 386.1538

3.5045

410.7012,  
420.2718, 455.4128

■ 1.4757, 1.2890,  
1.3576

■ 0.3092, 0.1326,  
0.1083

■ 78.7243, 78.9200,  
85.2126

■ 78.7243, 78.9200,  
85.2126

■ 69.9862, 65.5790,  
69.5493

■ 88.7264, 94.2922,  
102.8242

■ 62.4548, 54.1742,  
55.7618

■ 91.4667, 98.1527,  
108.7323

■ 56.0784, 44.6184,  
43.7807

■ 50.7990, 36.8137,  
33.5302

■ 46.5533, 30.6532,  
24.9290

■ 43.2715, 26.0182,  
17.8893

■ 40.8748, 22.7739,  
12.3147

■ 39.2714, 20.7618,  
8.0974

■ 38.3382, 19.7636,  
5.1100

# Harmonies

## Analogous

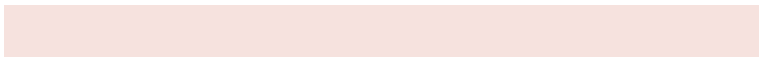
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3492, 78.9200, 90.6217



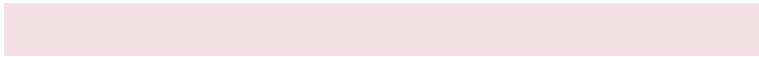
78.7243, 78.9200, 85.2126



78.0907, 78.9200, 80.2072

# Triad

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



78.7243, 78.9200, 85.2126



72.9851, 78.9200, 77.5191



73.4135, 78.9200, 95.7006

# Complementary

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



78.7243, 78.9200, 85.2126



79.5840, 87.6654, 95.9501

# 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.



72.0135, 78.9200, 91.9197



78.7243, 78.9200, 85.2126



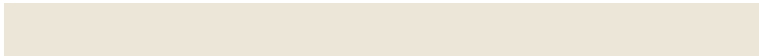
71.7692, 78.9200, 81.4040

# Square

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



78.7243, 78.9200, 85.2126



74.7600, 78.9200, 75.8859



71.4165, 78.9200, 86.6523

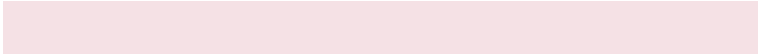


75.2627, 78.9200, 96.8245



# Rectangle

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



78.7243, 78.9200, 85.2126



77.1877, 78.9200, 77.7280



71.4165, 78.9200, 86.6523



72.8758, 78.9200, 94.6906

# Sweetspot

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



78.7265, 78.9235, 85.2143



92.7944, 96.5290, 104.9412



79.6848, 79.1473, 97.4645



19.8855, 20.6975, 22.5033



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

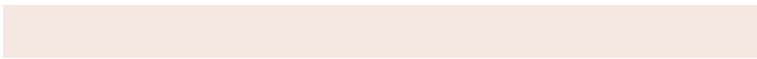
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7265, 78.9235, 85.2143



84.3349, 83.5505, 89.9734



79.8252, 82.0036, 82.8592



16.6345, 16.5367, 17.8219



20.6232, 10.5927, 2.7244



1.8476, 0.9450, 0.4240



# Inverse Universe

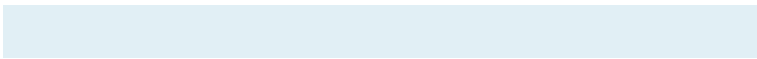
The Inverse Universe completely reimagines the original color for something new.



78.7265, 78.9235, 85.2143



84.3349, 83.5505, 89.9734



78.4021, 84.3357, 98.5336



16.6345, 16.5367, 17.8219



20.6232, 10.5927, 2.7244

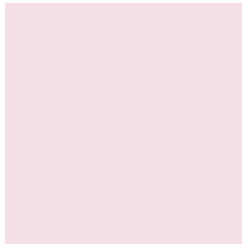


1.8476, 0.9450, 0.4240



# Previews

## White Background



This preview shows how the XYZ color 78.7243, 78.9200, 85.2126 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

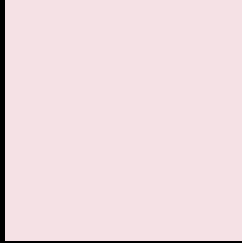
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 78.7243, 78.9200, 85.2126 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

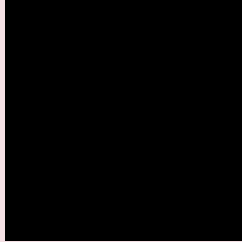
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 78.7243, 78.9200, 85.2126**

## **Background**



This preview shows how black text looks on a background with the XYZ color 78.7243, 78.9200, 85.2126.



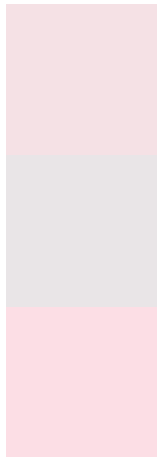
This preview shows how white text looks on a background with the XYZ color 78.7243, 78.9200,

85.2126.

# 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

78.7243, 78.9200, 85.2126

### Protanopia

76.0474, 79.1318, 86.8671

### Deuteranopia

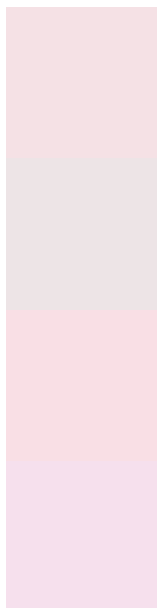
80.4090, 78.5951, 85.0611



## Tritanopia

80.6226, 78.9004, 94.1991

# Trichromacy



## Original Color

78.7243, 78.9200, 85.2126

## Protanomaly

76.9514, 79.2045, 86.0951

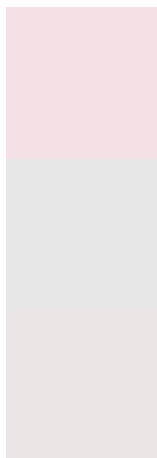
## Deuteranomaly

79.5975, 78.5722, 85.0995

## Tritanomaly

79.9478, 79.0186, 91.1592

# Monochromacy



## Original Color

78.7243, 78.9200, 85.2126

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

76.8943, 79.5847, 86.1715

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.7243, 78.9200, 85.2126 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(245, 225, 229) looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 229)  
}
```

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(245, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 229) }
```

## Border

The CSS property to change the border of an element to XYZ 78.7243, 78.9200, 85.2126 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(245, 225, 229) }
```



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

```
.border{ border-color:rgb(245, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
229) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.7243, 78.9200, 85.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 229) }
```

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

```
.background{ background-color: rgb(245,  
225, 229) }
```

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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