

Converting Colors

XYZ(78.4028, 78.7680, 85.6222)

Have a look what the booklet for
XYZ(78.4028, 78.7680, 85.6222)
contains.

XYZ(78.5164, 78.7967, 85.9339)	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(78.5164, 78.7967,
85.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E1E6
RGB	244, 225, 230
RGB Percent	96%, 88%, 90%
CMY	0.0431, 0.1176, 0.0980
CMYK	0.00, 0.08, 0.06, 0.04
HSL	344°, 46%, 92%
HSV	344°, 8%, 96%
XYZ	78.5164, 78.7967, 85.9339
YIQ	231.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

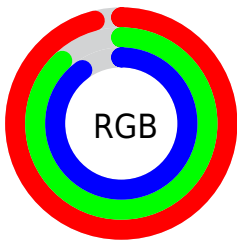
Format	Color
R_{YB}	244, 225, 230
Decimal	16048614
CIE Lab	91.14, 7.33, -0.10
CIE LCh	91, 7.330, 359.228
Yxy	78.7967, 0.3228, 0.3239
Android (android.graphics.Color)	4294238694 (0xFF4E1E6)
YUV	231.2510, -0.6167, 11.1809
Hunter-Lab	88.7675, 2.5432, 4.7399

Details

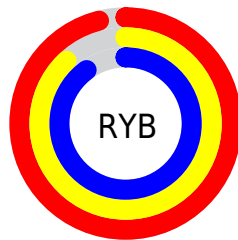
The XYZ color **78.5164, 78.7967, 85.9339** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9851, 86.9430, 94.2845**, and the grayscale version is **76.1438, 80.1092, 87.2389**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8516, 42.5360, 46.5092** is the 20% darker color. If you saturate the color by 10%, you get **69.9895, 65.5774, 71.2684**, and if you desaturate by 10%, it is **88.2509, 94.0123, 102.2892**.

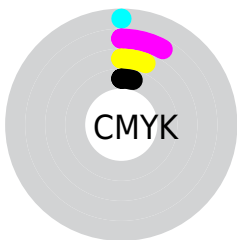
Distribution



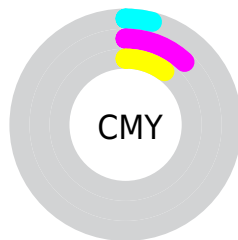
- Red (96%)
- Green (88%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5164, 78.7967, 85.9339 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 78.5164, 78.7967, 85.9339 by changing the saturation by 10% instead.


 78.5164, 78.7967,
85.9339

 78.5164, 78.7967,
85.9339


478.7318,
490.8683, 534.9382

 58.8025, 58.7287,
64.0587


130.2393,
131.6726, 143.5630

 42.6999, 42.3947,
46.2518


162.9791,
165.2493, 180.1540

 29.8433, 29.4105,
32.0944


200.7916,
204.0976, 222.4873

 19.8671, 19.3916,
21.1682

244.0422,
248.6021, 270.9815

 12.4062, 11.9536,
13.0546

293.0961,
299.1469, 326.0552

 7.0951, 6.7121,
7.3350

348.3188,

 3.5685, 3.2827,

356.1167, 388.1268

3.5909

410.0756,
419.8957, 457.6150

■ 1.4610, 1.2810,
1.4037

■ 0.2991, 0.1265,
0.1446

■ 78.5164, 78.7967,
85.9339

■ 78.5164, 78.7967,
85.9339

■ 69.9895, 65.5774,
71.2684

■ 88.2509, 94.0123,
102.2892

■ 62.6160, 54.2613,
58.2331

■ 91.1187, 97.9734,
108.7160

■ 56.3470, 44.7633,
46.7719

■ 51.1281, 36.9880,
36.8237

■ 46.8995, 30.8308,
28.3234

■ 43.5955, 26.1762,
21.2007

■ 41.1422, 22.8927,
15.3791

■ 39.4533, 20.8261,
10.7735

■ 38.4155, 19.7699,
7.2848

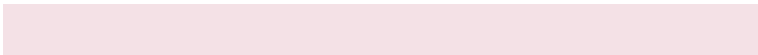
Harmonies

Analogous

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



77.9998, 78.7967, 91.1280



78.5164, 78.7967, 85.9339



78.0491, 78.7967, 80.9055

Triad

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



78.5164, 78.7967, 85.9339



73.1662, 78.7967, 77.1889



73.0843, 78.7967, 94.8735

Complementary

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



78.5164, 78.7967, 85.9339



78.9851, 86.9430, 94.2845

Split Complementary

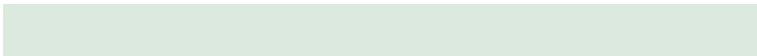
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8249, 78.7967, 90.8801



78.5164, 78.7967, 85.9339



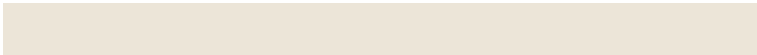
71.8716, 78.7967, 80.6766

Square

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



78.5164, 78.7967, 85.9339



74.9420, 78.7967, 75.9843



71.3846, 78.7967, 85.6587



74.8459, 78.7967, 96.4184

Rectangle

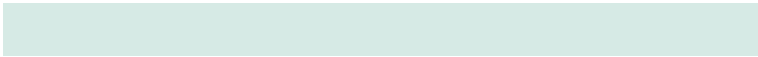
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5164, 78.7967, 85.9339



77.2469, 78.7967, 78.2922



71.3846, 78.7967, 85.6587



72.5892, 78.7967, 93.7651

Sweetspot

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



78.5186, 78.8001, 85.9356



92.8452, 96.5493, 105.2087



78.8311, 78.7248, 96.6297



19.8958, 20.7017, 22.5578



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.



78.5186, 78.8001, 85.9356



85.5559, 85.1795, 92.8870



79.0408, 80.9513, 82.6975



16.6780, 16.5541, 18.0511



20.8396, 10.6793, 3.8639



1.8722, 0.9549, 0.5536

Inverse Universe

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



78.5186, 78.8001, 85.9356



85.5559, 85.1795, 92.8870



78.4159, 84.6070, 97.7869



16.6780, 16.5541, 18.0511



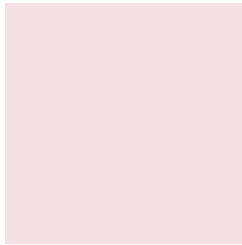
20.8396, 10.6793, 3.8639



1.8722, 0.9549, 0.5536

Previews

White Background



This preview shows how the XYZ color 78.5164, 78.7967, 85.9339 looks on a white background.

Color Contrast Check

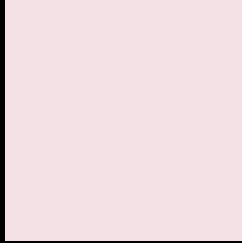
Large Text (above 18pt) WCAG AA × Fail

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 78.5164, 78.7967, 85.9339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

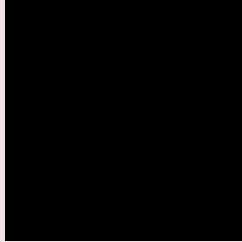
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5164, 78.7967, 85.9339

Background



This preview shows how black text looks on a background with the XYZ color 78.5164, 78.7967, 85.9339.



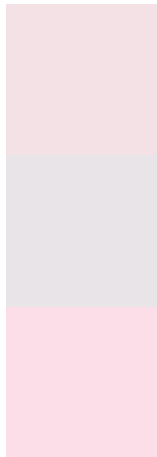
This preview shows how white text looks on a background with the XYZ color 78.5164, 78.7967,

85.9339.

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

78.5164, 78.7967, 85.9339

Protanopia

75.9132, 78.6366, 87.5213

Deuteranopia

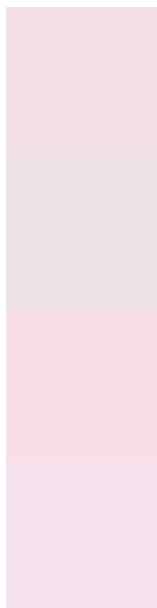
80.3287, 78.5213, 86.5237



Tritanopia

80.2709, 78.7191, 94.1827

Trichromacy



Original Color

78.5164, 78.7967, 85.9339

Protanomaly

76.8179, 78.7122, 86.7455

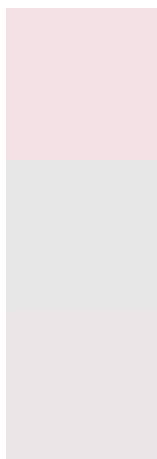
Deuteranomaly

79.5229, 78.5013, 86.5623

Tritanomaly

79.5979, 78.8382, 91.1428

Monochromacy



Original Color

78.5164, 78.7967, 85.9339

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0352, 79.6410, 86.9134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5164, 78.7967, 85.9339 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, 225, 230) looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 230)  
}
```

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, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.5164, 78.7967, 85.9339 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, 225, 230) }
```


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

```
.border{ border-color:rgb(244, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5164, 78.7967, 85.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 230) }
```

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

```
.background{ background-color: rgb(244,  
225, 230) }
```

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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