

Converting Colors

XYZ(80.5343, 82.0535, 89.5389)

Have a look what the booklet for
XYZ(80.5343, 82.0535, 89.5389)
contains.

XYZ(80.7354, 82.3254, 89.4771)	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(80.7354, 82.3254,
89.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E7EA
RGB	244, 231, 234
RGB Percent	96%, 91%, 92%
CMY	0.0431, 0.0941, 0.0823
CMYK	0.00, 0.05, 0.04, 0.04
HSL	346°, 37%, 93%
HSV	346°, 5%, 96%
XYZ	80.7354, 82.3254, 89.4771
YIQ	235.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

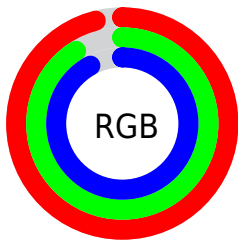
Format	Color
R _Y B	244, 231, 234
Decimal	16050154
CIE Lab	92.72, 4.91, 0.11
CIE LCh	93, 4.915, 1.311
Yxy	82.3254, 0.3197, 0.3260
Android (android.graphics.Color)	4294240234 (0xFF4E7EA)
YUV	235.2290, -0.6059, 7.6922
Hunter-Lab	90.7333, 0.0477, 5.0442

Details

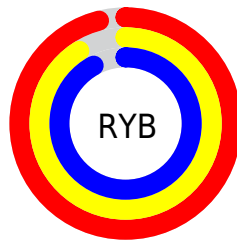
The XYZ color **80.7354, 82.3254, 89.4771** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1859, 88.0433, 95.9384**, and the grayscale version is **79.1428, 83.2644, 90.6750**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1049, 44.5657, 48.3969** is the 20% darker color. If you saturate the color by 10%, you get **71.8210, 68.5861, 73.8957**, and if you desaturate by 10%, it is **90.7628, 97.8310, 106.8417**.

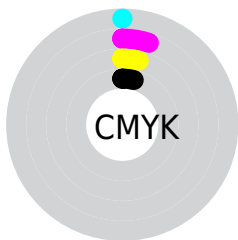
Distribution



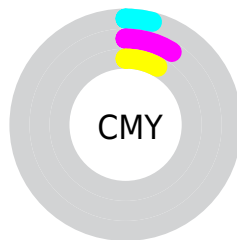
- Red (96%)
- Green (91%)
- Blue (92%)



- Red (96%)
- Yellow (91%)
- Blue (92%)



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





- Cyan (4%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.7354, 82.3254, 89.4771 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 80.7354, 82.3254, 89.4771 by changing the saturation by 10% instead.


 80.7354, 82.3254,
89.4771

 80.7354, 82.3254,
89.4771

486.1066,
502.7355, 546.8546

 60.6342, 61.6338,
66.9758

133.3443,
136.6302, 148.5410

 44.1815, 44.7369,
48.6035


166.5827,
171.0122, 185.9407

 31.0117, 31.2502,
33.9416


204.9309,
210.7265, 229.1435

 20.7596, 20.7895,
22.5718

248.7543,
256.1574, 278.5681

 13.0599, 12.9702,
14.0753

298.4182,
307.6894, 334.6330

 7.5471, 7.4080,
8.0337

354.2880,

 3.8559, 3.7186,

365.7068, 397.7566

4.0284

416.7290,
430.5940, 468.3576

■ 1.6209, 1.5174,
1.6410

■ 0.4060, 0.3009,
0.3198

■ 80.7354, 82.3254,
89.4771

■ 80.7354, 82.3254,
89.4771

■ 71.8210, 68.5861,
73.8957

■ 90.7628, 97.8310,
106.8417

■ 64.0940, 56.7796,
60.0758

■ 91.1187, 97.9733,
108.7160

■ 57.5058, 46.8221,
47.9559

■ 52.0012, 38.6193,
37.4694

■ 47.5208, 32.0689,
28.5450

■ 43.9989, 27.0574,
21.1058

■ 41.3622, 23.4573,
15.0683

■ 39.5261, 21.1203,
10.3400

■ 38.3879, 19.8640,
6.8158

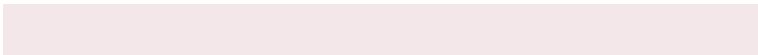
Harmonies

Analogous

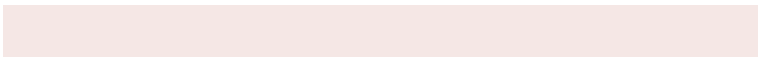
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4278, 82.3254, 93.0664



80.7354, 82.3254, 89.4771



80.3704, 82.3254, 86.0233

Triad

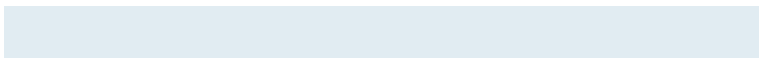
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7354, 82.3254, 89.4771



76.9752, 82.3254, 83.7475



77.0717, 82.3254, 95.9680

Complementary

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



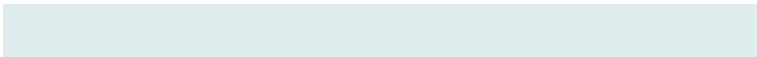
80.7354, 82.3254, 89.4771



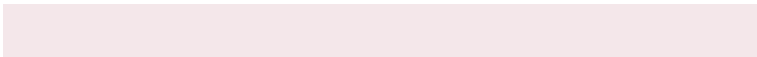
81.1859, 88.0433, 95.9384

Split Complementary

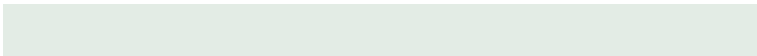
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1629, 82.3254, 93.3533



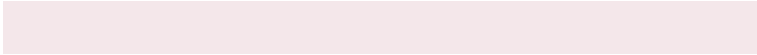
80.7354, 82.3254, 89.4771



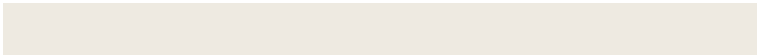
76.1076, 82.3254, 86.2955

Square

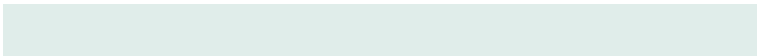
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7354, 82.3254, 89.4771



78.1915, 82.3254, 82.7715



75.8119, 82.3254, 89.7998



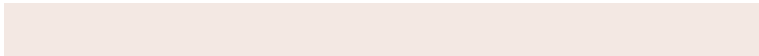
78.3042, 82.3254, 96.8749

Rectangle

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



80.7354, 82.3254, 89.4771



79.7971, 82.3254, 84.2459



75.8119, 82.3254, 89.7998



76.7187, 82.3254, 95.2562

Sweetspot

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



80.7377, 82.3290, 89.4789



92.8191, 96.5389, 105.0712



81.1719, 82.3821, 97.2121



19.8905, 20.6995, 22.5297



0.0000, 0.0000, 0.0000



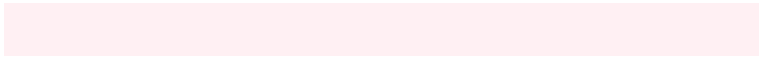
20.3446, 21.4041, 23.3091

Same Dimension

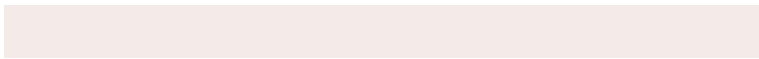
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7377, 82.3290, 89.4789



88.5238, 89.8885, 97.6585



81.2905, 84.1175, 87.5574



17.2224, 17.4201, 18.9189



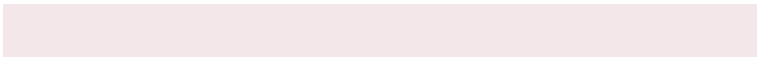
20.7206, 10.6317, 3.2372



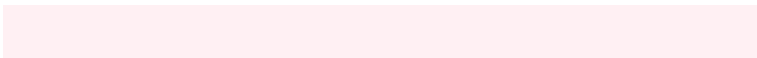
1.8590, 0.9496, 0.4839

Inverse Universe

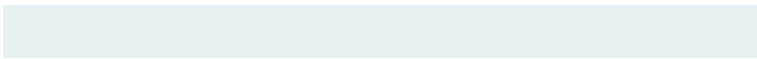
The Inverse Universe completely reimagines the original color for something new.



80.7377, 82.3290, 89.4789



88.5238, 89.8885, 97.6585



80.6043, 86.1578, 97.9708



17.2224, 17.4201, 18.9189



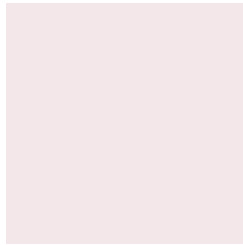
20.7206, 10.6317, 3.2372



1.8590, 0.9496, 0.4839

Previews

White Background



This preview shows how the XYZ color 80.7354, 82.3254, 89.4771 looks on a white background.

Color Contrast Check

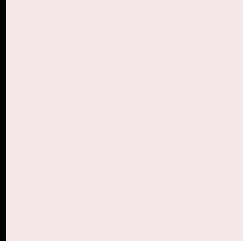
Large Text (above 18pt) WCAG AA × Fail

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 80.7354, 82.3254, 89.4771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

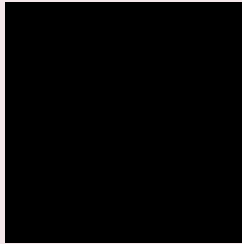
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

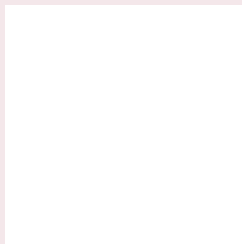
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.7354, 82.3254, 89.4771

Background



This preview shows how black text looks on a background with the XYZ color 80.7354, 82.3254, 89.4771.



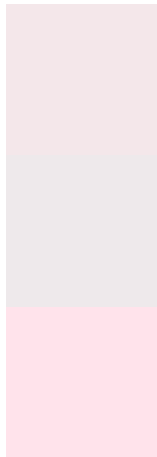
This preview shows how white text looks on a background with the XYZ color 80.7354, 82.3254,

89.4771.

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

80.7354, 82.3254, 89.4771

Protanopia

79.3942, 82.4531, 90.3278

Deuteranopia

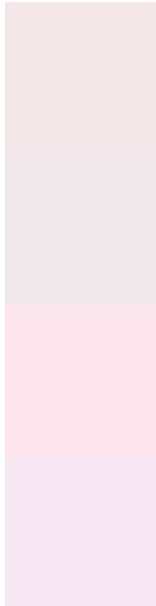
83.7045, 82.1963, 90.0510



Tritanopia

82.8138, 82.3469, 99.5255

Trichromacy



Original Color

80.7354, 82.3254, 89.4771

Protanomaly

79.7872, 82.2366, 90.2653

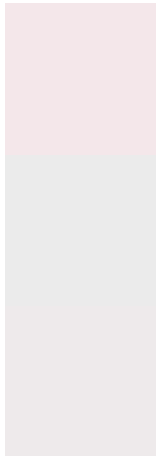
Deuteranomaly

82.5225, 81.9942, 90.0743

Tritanomaly

81.9800, 82.4169, 95.5916

Monochromacy



Original Color

80.7354, 82.3254, 89.4771

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.6781, 83.0209, 90.4224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7354, 82.3254, 89.4771 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, 234) looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 234) }
```

Border

The CSS property to change the border of an element to XYZ 80.7354, 82.3254, 89.4771 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, 234) }
```


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

```
.border{ border-color:rgb(244, 231, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7354, 82.3254, 89.4771 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, 234) }
```

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

```
.background{ background-color: rgb(244,  
231, 234) }
```

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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