

Converting Colors

XYZ(79.8669, 80.6963, 86.8154)

Have a look what the booklet for
XYZ(79.8669, 80.6963, 86.8154)
contains.

XYZ(79.8234, 80.6688, 86.9648)	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(79.8234, 80.6688,
86.9648)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E4E7
RGB	245, 228, 231
RGB Percent	96%, 89%, 91%
CMY	0.0392, 0.1059, 0.0941
CMYK	0.00, 0.07, 0.06, 0.04
HSL	349°, 46%, 93%
HSV	349°, 7%, 96%
XYZ	79.8234, 80.6688, 86.9648
YIQ	233.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

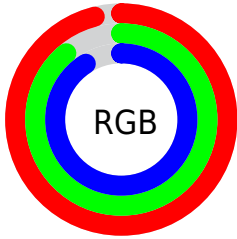
Format	Color
R _Y B	245, 228, 231
Decimal	16114919
CIE Lab	91.98, 6.29, 0.62
CIE LCh	92, 6.319, 5.600
Yxy	80.6688, 0.3226, 0.3260
Android (android.graphics.Color)	4294304999 (0xFF5E4E7)
YUV	233.4250, -1.1955, 10.1513
Hunter-Lab	89.8158, 1.4634, 5.4631

Details

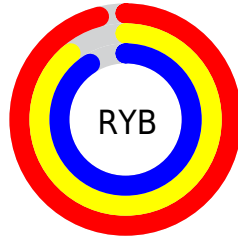
The XYZ color **79.8234, 80.6688, 86.9648** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.6774, 88.2117, 96.7832**, and the grayscale version is **77.7781, 81.8287, 89.1114**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6677, 43.8011, 46.7104** is the 20% darker color. If you saturate the color by 10%, you get **70.8675, 67.0579, 70.7182**, and if you desaturate by 10%, it is **90.0676, 96.3283, 105.2643**.

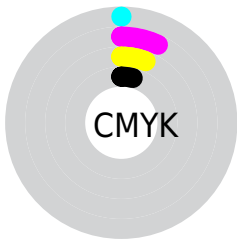
Distribution



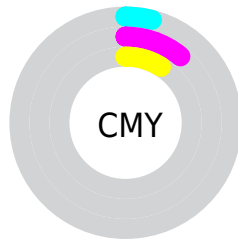
- Red (96%)
- Green (89%)
- Blue (91%)



- Red (96%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8234, 80.6688, 86.9648 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 79.8234, 80.6688, 86.9648 by changing the saturation by 10% instead.


 79.8234, 80.6688,
86.9648

 79.8234, 80.6688,
86.9648

483.0831,
497.1839, 538.4204

 59.8810, 60.2689,
64.9066

132.0692,
134.3056, 145.0135

 43.5718, 43.6354,
46.9345


165.1034,
168.3113, 181.8411

 30.5305, 30.3840,
32.6299


203.2322,
207.6210, 224.4290

 20.3917, 20.1302,
21.5743

246.8210,
252.6191, 273.1956

 12.7900, 12.4897,
13.3491

296.2351,
303.6901, 328.5595

 7.3601, 7.0781,
7.5358

351.8399,

 3.7366, 3.5110,

361.2183, 390.9392

3.7159

414.0008,
425.5881, 460.7533

■ 1.5542, 1.4040,
1.4708

■ 0.3623, 0.2197,
0.1961

■ 79.8234, 80.6688,
86.9648

■ 79.8234, 80.6688,
86.9648

■ 70.8675, 67.0579,
70.7182

■ 90.0676, 96.3283,
105.2643

■ 63.1421, 55.4008,
56.4474

■ 91.4666, 98.1527,
108.7323

■ 56.5949, 45.6107,
44.0782

■ 51.1672, 37.5903,
33.5295

■ 46.7954, 31.2333,
24.7145

■ 43.4092, 26.4222,
17.5390

■ 40.9295, 23.0239,
11.8998

■ 39.2646, 20.8825,
7.6813

■ 38.3003, 19.8005,
4.7499

Harmonies

Analogous

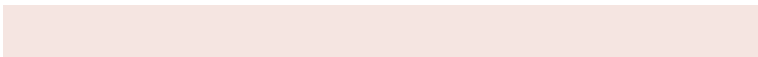
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5525, 80.6688, 91.5813



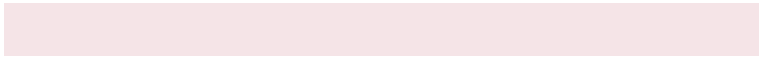
79.8234, 80.6688, 86.9648



79.2406, 80.6688, 82.7306

Triad

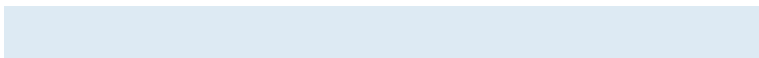
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8234, 80.6688, 86.9648



74.8697, 80.6688, 80.7614



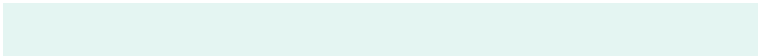
75.3904, 80.6688, 96.2337

Complementary

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



79.8234, 80.6688, 86.9648



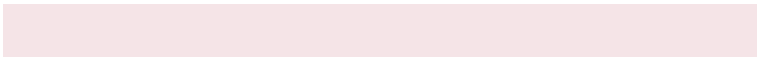
80.6774, 88.2117, 96.7832

Split Complementary

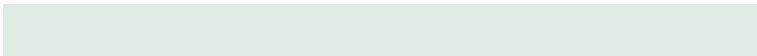
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1620, 80.6688, 93.1444



79.8234, 80.6688, 86.9648



73.8644, 80.6688, 84.1915

Square

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



79.8234, 80.6688, 86.9648



76.3690, 80.6688, 79.2310



73.6071, 80.6688, 88.7102



76.9784, 80.6688, 97.0396

Rectangle

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



79.8234, 80.6688, 86.9648



78.4512, 80.6688, 80.6599



73.6071, 80.6688, 88.7102



74.9225, 80.6688, 95.4227

Sweetspot

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



79.8257, 80.6723, 86.9665



92.7754, 96.5214, 104.8414



80.8053, 80.9396, 97.7513



19.8816, 20.6960, 22.4830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

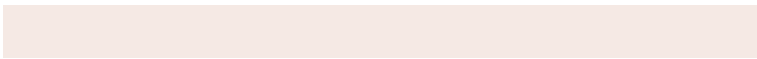
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8257, 80.6723, 86.9665



86.2954, 86.6324, 93.2134



80.9098, 83.5121, 85.2580



16.6184, 16.5302, 17.7369



20.5581, 10.5667, 2.3812



1.8396, 0.9418, 0.3817

Inverse Universe

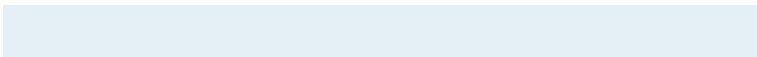
The Inverse Universe completely reimagines the original color for something new.



79.8257, 80.6723, 86.9665



86.2954, 86.6324, 93.2134



79.5265, 85.1839, 98.6379



16.6184, 16.5302, 17.7369



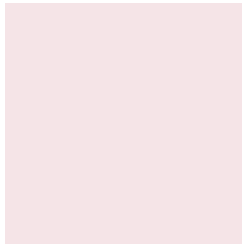
20.5581, 10.5667, 2.3812



1.8396, 0.9418, 0.3817

Previews

White Background



This preview shows how the XYZ color 79.8234, 80.6688, 86.9648 looks on a white background.

Color Contrast Check

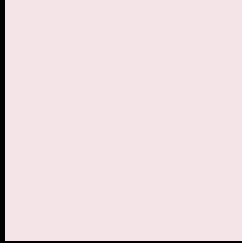
Large Text (above 18pt) WCAG AA × Fail

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 79.8234, 80.6688, 86.9648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

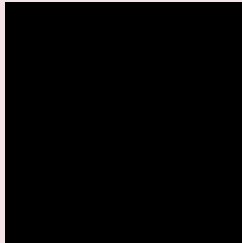
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

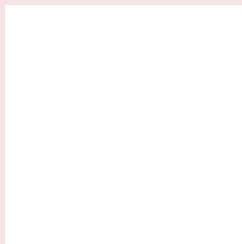
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8234, 80.6688, 86.9648

Background



This preview shows how black text looks on a background with the XYZ color 79.8234, 80.6688, 86.9648.



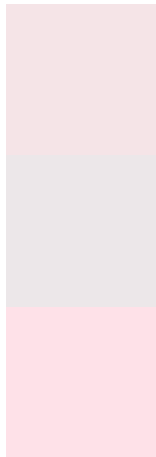
This preview shows how white text looks on a background with the XYZ color 79.8234, 80.6688,

86.9648.

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

79.8234, 80.6688, 86.9648

Protanopia

77.8760, 80.8679, 88.5954

Deuteranopia

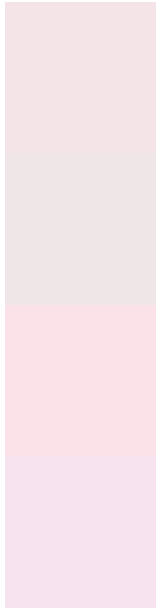
82.3638, 80.7475, 87.5887



Tritanopia

81.8833, 80.6985, 96.8486

Trichromacy



Original Color

79.8234, 80.6688, 86.9648

Protanomaly

78.4589, 80.7705, 87.7990

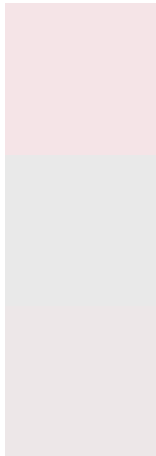
Deuteranomaly

81.5455, 80.7281, 87.6281

Tritanomaly

81.0551, 80.7630, 92.9781

Monochromacy



Original Color

79.8234, 80.6688, 86.9648

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0665, 80.9825, 87.8606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8234, 80.6688, 86.9648 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, 228, 231) looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 231)  
}
```

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, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.8234, 80.6688, 86.9648 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, 228, 231) }
```


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

```
.border{ border-color:rgb(245, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8234, 80.6688, 86.9648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 231) }
```

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

```
.background{ background-color: rgb(245,  
228, 231) }
```

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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