

Converting Colors

XYZ(79.8754, 80.5436, 86.2181)

Have a look what the booklet for
XYZ(79.8754, 80.5436, 86.2181)
contains.

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Color

**XYZ(80.0324, 80.7928,
86.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E4E6
RGB	246, 228, 230
RGB Percent	96%, 89%, 90%
CMY	0.0353, 0.1059, 0.0980
CMYK	0.00, 0.07, 0.07, 0.04
HSL	353°, 50%, 93%
HSV	353°, 7%, 96%
XYZ	80.0324, 80.7928, 86.2393
YIQ	233.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

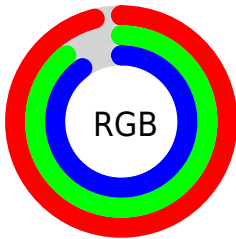
Format	Color
R _Y B	246, 228, 230
Decimal	16180454
CIE Lab	92.04, 6.46, 1.23
CIE LCh	92, 6.578, 10.772
Yxy	80.7928, 0.3239, 0.3270
Android (android.graphics.Color)	4294370534 (0xFF6E4E6)
YUV	233.6100, -1.7797, 10.8660
Hunter-Lab	89.8848, 1.6359, 6.0340

Details

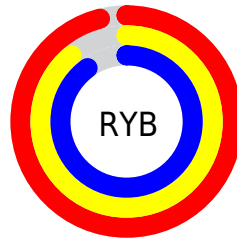
The XYZ color **80.0324, 80.7928, 86.2393** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2829, 88.9393, 98.4754**, and the grayscale version is **77.9216, 81.9795, 89.2757**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9166, 43.9294, 46.7220** is the 20% darker color. If you saturate the color by 10%, you get **70.8595, 67.0573, 68.9668**, and if you desaturate by 10%, it is **90.5582, 96.6153, 105.8661**.

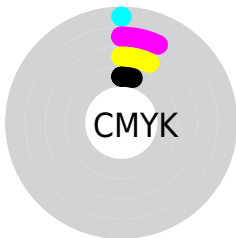
Distribution



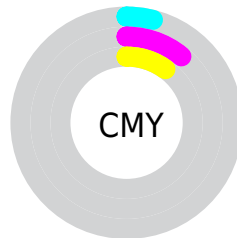
- Red (96%)
- Green (89%)
- Blue (90%)



- Red (96%)
- Yellow (89%)
- Blue (90%)



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





- Cyan (4%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0324, 80.7928, 86.2393 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 80.0324, 80.7928, 86.2393 by changing the saturation by 10% instead.


 80.0324, 80.7928,
86.2393

 80.0324, 80.7928,
86.2393


483.7769,
497.6006, 535.9711

 60.0536, 60.3710,
64.3098


132.3616,
134.4798, 143.9929

 43.7114, 43.7177,
46.4539

165.4426,
168.5137, 180.6541

 30.6407, 30.4486,
32.2529


203.6218,
207.8539, 223.0629

 20.4759, 20.1794,
21.2883

247.2644,
252.8845, 271.6380

 12.8517, 12.5255,
13.1416

296.7359,
303.9901, 326.7978

 7.4028, 7.1026,
7.3943

352.4016,

 3.7638, 3.5264,

361.5551, 388.9609

3.6277

414.6268,
425.9638, 458.5458

■ 1.5694, 1.4123,
1.4234

■ 0.3723, 0.2258,
0.1599

■ 80.0324, 80.7928,
86.2393

■ 80.0324, 80.7928,
86.2393

■ 70.8595, 67.0573,
68.9668

■ 90.5582, 96.6153,
105.8661

■ 62.9780, 55.3115,
53.9551

■ 91.8165, 98.3331,
108.7487

■ 56.3318, 45.4664,
41.1118

■ 50.8579, 37.4220,
30.3366

■ 46.4879, 31.0690,
21.5210

■ 43.1461, 26.2864,
14.5466

■ 40.7472, 22.9369,
9.2820

■ 39.1921, 20.8599,
5.5785

■ 38.3549, 19.8471,
3.2596

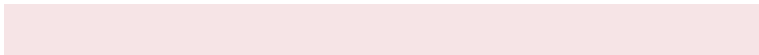
Harmonies

Analogous

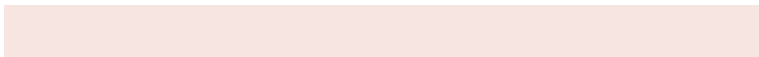
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9048, 80.7928, 91.0746



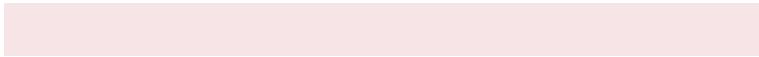
80.0324, 80.7928, 86.2393



79.2819, 80.7928, 82.0229

Triad

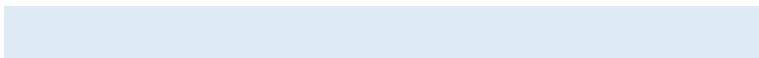
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0324, 80.7928, 86.2393



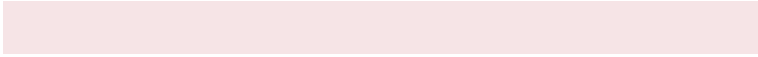
74.6856, 80.7928, 81.0990



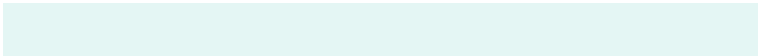
75.7245, 80.7928, 97.0657

Complementary

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



80.0324, 80.7928, 86.2393



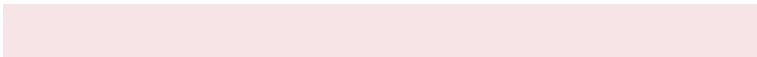
81.2829, 88.9393, 98.4754

Split Complementary

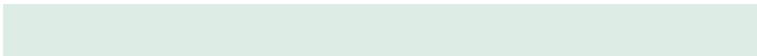
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3531, 80.7928, 94.1971



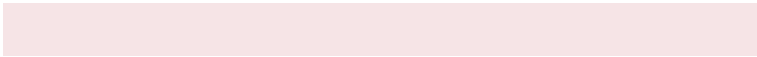
80.0324, 80.7928, 86.2393



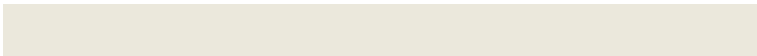
73.7594, 80.7928, 84.9361

Square

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



80.0324, 80.7928, 86.2393



76.1846, 80.7928, 79.1284



73.6386, 80.7928, 89.7229



77.4009, 80.7928, 97.4460

Rectangle

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



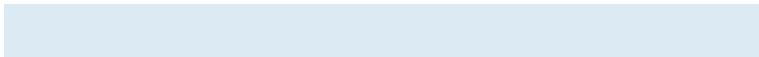
80.0324, 80.7928, 86.2393



78.3910, 80.7928, 80.0848



73.6386, 80.7928, 89.7229



75.2132, 80.7928, 96.3557

Sweetspot

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



80.0347, 80.7963, 86.2410



92.7230, 96.5005, 104.5652



81.6540, 81.3595, 98.5902



19.8709, 20.6917, 22.4267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

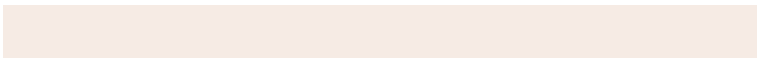
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0347, 80.7963, 86.2410



85.0477, 84.9762, 90.2106



81.6918, 84.5566, 85.4184



16.5738, 16.5124, 17.5024



20.4182, 10.5107, 1.6449



1.8186, 0.9334, 0.2711

Inverse Universe

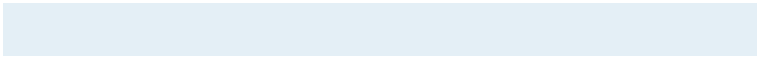
The Inverse Universe completely reimagines the original color for something new.



80.0347, 80.7963, 86.2410



85.0477, 84.9762, 90.2106



79.5282, 84.9422, 99.3938



16.5738, 16.5124, 17.5024



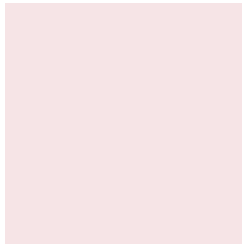
20.4182, 10.5107, 1.6449



1.8186, 0.9334, 0.2711

Previews

White Background



This preview shows how the XYZ color 80.0324, 80.7928, 86.2393 looks on a white background.

Color Contrast Check

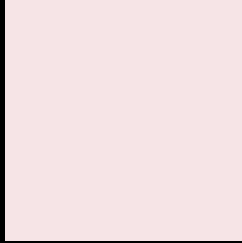
Large Text (above 18pt) WCAG AA × Fail

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 80.0324, 80.7928, 86.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

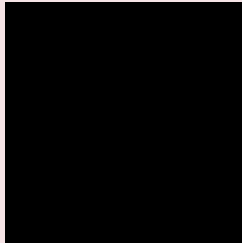
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

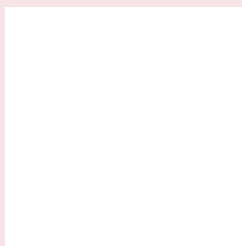
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0324, 80.7928, 86.2393

Background



This preview shows how black text looks on a background with the XYZ color 80.0324, 80.7928, 86.2393.



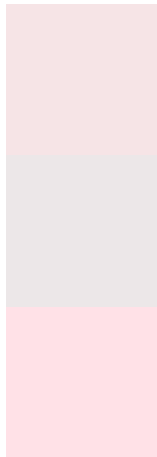
This preview shows how white text looks on a background with the XYZ color 80.0324, 80.7928,

86.2393.

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

80.0324, 80.7928, 86.2393

Protanopia

77.7335, 80.8109, 87.8450

Deuteranopia

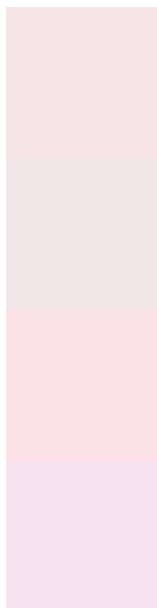
82.5890, 80.8799, 86.8598



Tritanopia

82.2369, 80.8808, 96.8652

Trichromacy



Original Color

80.0324, 80.7928, 86.2393

Protanomaly

78.6558, 80.8884, 87.0687

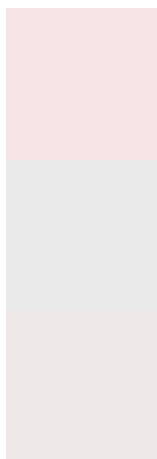
Deuteranomaly

81.7650, 80.8577, 86.8989

Tritanomaly

81.4068, 80.9443, 92.9946

Monochromacy



Original Color

80.0324, 80.7928, 86.2393

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.8245, 81.7736, 88.7202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0324, 80.7928, 86.2393 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, 228, 230) looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 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(246, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 80.0324, 80.7928, 86.2393 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, 228, 230) }
```


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

```
.border{ border-color:rgb(246, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 228, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 228, 230); box-shadow:4px 4px 4px 4px rgb(246, 228, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0324, 80.7928, 86.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 230) }
```

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

```
.background{ background-color: rgb(246,  
228, 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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