

Converting Colors

XYZ(79.3476, 80.9170, 84.6543)

Have a look what the booklet for
XYZ(79.3476, 80.9170, 84.6543)
contains.

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Color

**XYZ(79.3311, 80.8732,
84.8277)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E5E4
RGB	244, 229, 228
RGB Percent	96%, 90%, 89%
CMY	0.0431, 0.1019, 0.1059
CMYK	0.00, 0.06, 0.07, 0.04
HSL	4°, 42%, 93%
HSV	4°, 7%, 96%
XYZ	79.3311, 80.8732, 84.8277
YIQ	233.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

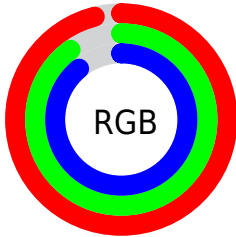
Format	Color
RYB	244, 229, 228
Decimal	16049636
CIELab	92.08, 4.92, 2.31
CIElCh	92, 5.438, 25.096
Yxy	80.8732, 0.3238, 0.3301
Android (android.graphics.Color)	4294239716 (0xFFFF4E5E4)
YUV	233.3710, -2.6479, 9.3216
Hunter-Lab	89.9295, 0.0866, 7.0243

Details

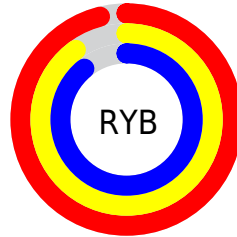
The XYZ color **79.3311, 80.8732, 84.8277** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3743, 87.1252, 98.1694**, and the grayscale version is **77.7480, 81.7969, 89.0769**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4179, 43.9806, 45.7359** is the 20% darker color. If you saturate the color by 10%, you get **70.2644, 67.7827, 66.2565**, and if you desaturate by 10%, it is **89.7140, 95.8290, 106.1980**.

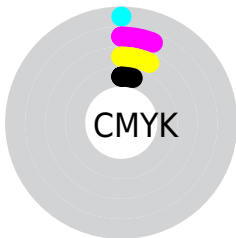
Distribution



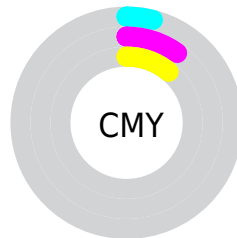
- Red (96%)
- Green (90%)
- Blue (89%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3311, 80.8732, 84.8277 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 79.3311, 80.8732, 84.8277 by changing the saturation by 10% instead.


 79.3311, 80.8732,
84.8277

 79.3311, 80.8732,
84.8277


481.4467,
497.8707, 531.1875

 59.4746, 60.4372,
63.1497


131.3804,
134.5927, 142.0044

 43.2432, 43.7711,
45.5205


164.3039,
168.6450, 178.3403

 30.2713, 30.4906,
31.5217


202.3138,
208.0048, 220.3991

 20.1937, 20.2113,
20.7347

245.7754,
253.0565, 268.5995

 12.6450, 12.5487,
12.7408

295.0542,
304.1846, 323.3600

 7.2599, 7.1185,
7.1217

350.5154,

 3.6729, 3.5363,

361.7734, 385.0991

3.4587

412.5245,
426.2073, 454.2354

■ 1.5188, 1.4177,
1.3334

■ 0.3386, 0.2297,
0.0889

■ 79.3311, 80.8732,
84.8277

■ 79.3311, 80.8732,
84.8277

■ 70.2644, 67.7827,
66.2565

■ 89.7140, 95.8290,
106.1980

■ 62.4547, 56.4742,
50.3636

■ 91.1186, 97.9733,
108.7160

■ 55.8487, 46.8739,
37.0270

■ 50.3863, 38.8988,
26.1131

■ 46.0026, 32.4588,
17.4766

■ 42.6259, 27.4553,
10.9560

■ 40.1758, 23.7779,
6.3693

■ 38.5596, 21.3005,
3.5034

■ 37.6648, 19.8721,
2.0918

Harmonies

Analogous

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



79.5808, 80.8732, 88.7178



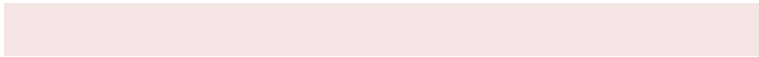
79.3311, 80.8732, 84.8277



78.4181, 80.8732, 81.8849

Triad

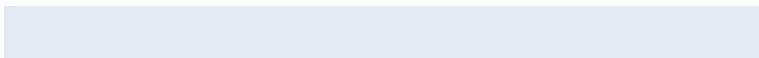
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3311, 80.8732, 84.8277



74.6810, 80.8732, 83.7193



76.6377, 80.8732, 95.9636

Complementary

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



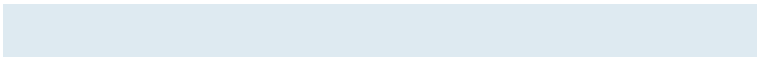
79.3311, 80.8732, 84.8277



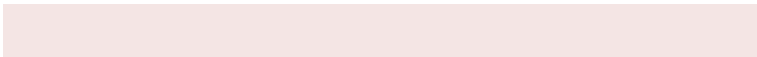
80.3743, 87.1252, 98.1694

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.



75.3376, 80.8732, 94.5321



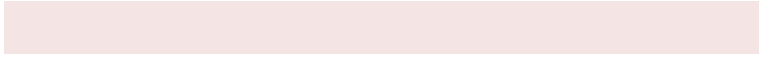
79.3311, 80.8732, 84.8277



74.2167, 80.8732, 87.3998

Square

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



79.3311, 80.8732, 84.8277



75.7315, 80.8732, 81.2587



74.4555, 80.8732, 91.3676



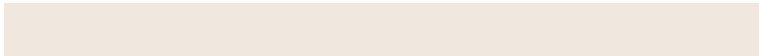
78.0149, 80.8732, 95.2247

Rectangle

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



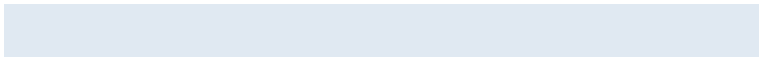
79.3311, 80.8732, 84.8277



77.5619, 80.8732, 80.8155



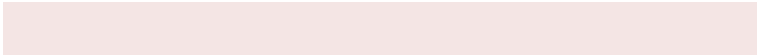
74.4555, 80.8732, 91.3676



76.1773, 80.8732, 95.7190

Sweetspot

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



79.3334, 80.8767, 84.8294



92.7337, 96.6640, 104.1307



81.2605, 81.2042, 96.3444



19.8731, 20.7250, 22.3382



0.0000, 0.0000, 0.0000



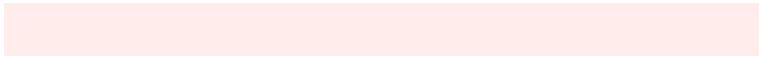
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3334, 80.8767, 84.8294



86.1387, 87.1572, 90.5776



81.5391, 85.2882, 85.5647



16.5826, 16.6494, 17.1372



20.4138, 10.7133, 0.9919



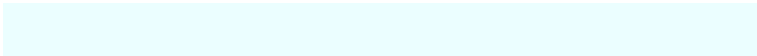
1.8229, 0.9991, 0.0968

Inverse Universe

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



80.3743, 87.1252, 98.1694



87.5319, 95.5198, 108.4315



78.0907, 82.5580, 97.4082



16.9024, 18.5691, 21.2359



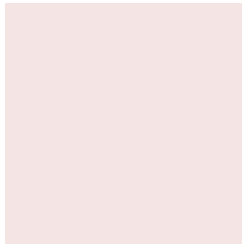
24.1049, 34.0036, 51.8309



2.1451, 3.0415, 4.5643

Previews

White Background



This preview shows how the XYZ color 79.3311, 80.8732, 84.8277 looks on a white background.

Color Contrast Check

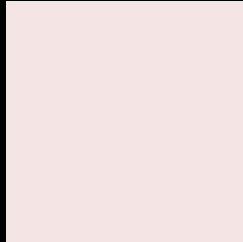
Large Text (above 18pt) WCAG AA × Fail

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 79.3311, 80.8732, 84.8277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

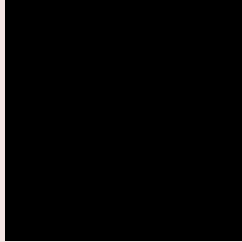
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

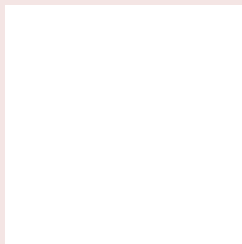
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3311, 80.8732, 84.8277

Background



This preview shows how black text looks on a background with the XYZ color 79.3311, 80.8732, 84.8277.



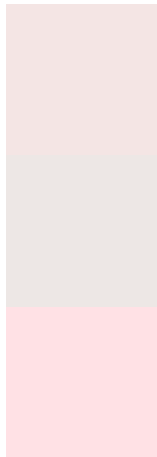
This preview shows how white text looks on a background with the XYZ color 79.3311, 80.8732,

84.8277.

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

79.3311, 80.8732, 84.8277

Protanopia

77.6438, 80.8135, 85.6350

Deuteranopia

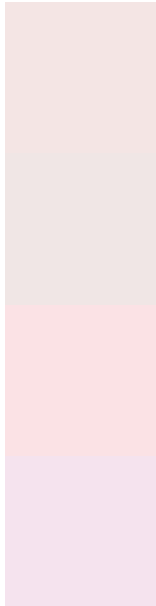
82.3081, 80.7676, 85.3803



Tritanopia

81.5315, 80.5172, 96.8321

Trichromacy



Original Color

79.3311, 80.8732, 84.8277

Protanomaly

78.3749, 80.7760, 85.5893

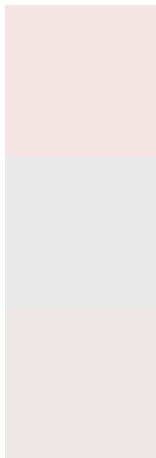
Deuteranomaly

81.1229, 80.5591, 85.4026

Tritanomaly

80.5579, 80.5237, 92.1857

Monochromacy



Original Color

79.3311, 80.8732, 84.8277

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.2055, 81.4873, 87.2081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3311, 80.8732, 84.8277 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, 229, 228) looks like.

```
.text, #text, p{  
    color:rgb(244, 229, 228)  
}
```

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, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 229, 228) }
```

Border

The CSS property to change the border of an element to XYZ 79.3311, 80.8732, 84.8277 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, 229, 228) }
```


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

```
.border{ border-color:rgb(244, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(244, 229,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3311, 80.8732, 84.8277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 229, 228) }
```

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

```
.background{ background-color: rgb(244,  
229, 228) }
```

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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