

Converting Colors

XYZ(79.4816, 80.1362, 84.6817)

Have a look what the booklet for
XYZ(79.4816, 80.1362, 84.6817)
contains.

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Color

**XYZ(79.4787, 80.1324,
84.6769)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E3E4
RGB	246, 227, 228
RGB Percent	96%, 89%, 89%
CMY	0.0353, 0.1098, 0.1059
CMYK	0.00, 0.08, 0.07, 0.04
HSL	357°, 51%, 93%
HSV	357°, 8%, 96%
XYZ	79.4787, 80.1324, 84.6769
YIQ	232.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

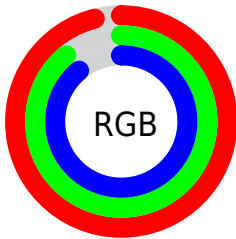
Format	Color
R_{YB}	246, 227, 228
Decimal	16180196
CIE Lab	91.74, 6.64, 1.84
CIE LCh	92, 6.894, 15.520
Yxy	80.1324, 0.3253, 0.3280
Android (android.graphics.Color)	4294370276 (0xFFFF6E3E4)
YUV	232.7950, -2.3639, 11.5808
Hunter-Lab	89.5167, 1.8296, 6.5773

Details

The XYZ color **79.4787, 80.1324, 84.6769** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1188, 88.8370, 99.2624**, and the grayscale version is **77.3112, 81.3375, 88.5765**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5306, 43.4693, 45.6313** is the 20% darker color. If you saturate the color by 10%, you get **70.2045, 66.4176, 66.6820**, and if you desaturate by 10%, it is **90.1551, 95.9513, 105.2937**.

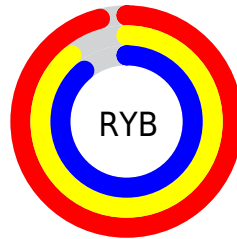
Distribution



Red (96%)

Green (89%)

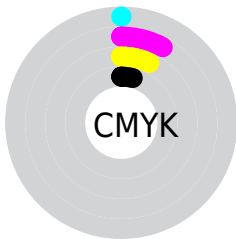
Blue (89%)



Red (96%)

Yellow (89%)

Blue (89%)

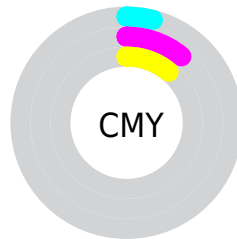


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (4%)



Cyan (4%)


Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4787, 80.1324, 84.6769 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 79.4787, 80.1324, 84.6769 by changing the saturation by 10% instead.


 79.4787, 80.1324,
84.6769

 79.4787, 80.1324,
84.6769


481.9376,
495.3789, 530.6750

 59.5965, 59.8273,
63.0258


131.5869,
133.5519, 141.7918

 43.3417, 43.2795,
45.4210


164.5437,
167.4350, 178.0928

 30.3490, 30.1044,
31.4438


202.5892,
206.6130, 220.1141

 20.2530, 19.9179,
20.6757

246.0890,
251.4702, 268.2743

 12.6884, 12.3354,
12.6982

295.4084,
302.3910, 322.9919

 7.2899, 6.9725,
7.0928

350.9127,

 3.6920, 3.4449,

359.7598, 384.6856

3.4409

412.9674,
423.9610, 453.7738

■ 1.5294, 1.3682,
1.3239

■ 0.3457, 0.1931,
0.0813

■ 79.4787, 80.1324,
84.6769

■ 79.4787, 80.1324,
84.6769

■ 70.2045, 66.4176,
66.6820

■ 90.1551, 95.9513,
105.2937

■ 62.2678, 54.7084,
51.1990

■ 91.8165, 98.3331,
108.7487

■ 55.6089, 44.9139,
38.1177

■ 50.1611, 36.9323,
27.3179

■ 45.8513, 30.6523,
18.6687

■ 42.5990, 25.9505,
12.0264

■ 40.3126, 22.6866,
7.2292

■ 38.8853, 20.6957,
4.0907

■ 38.1782, 19.7591,
2.3829

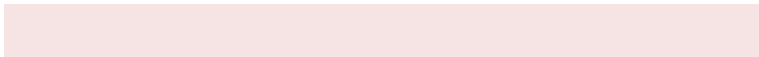
Harmonies

Analogous

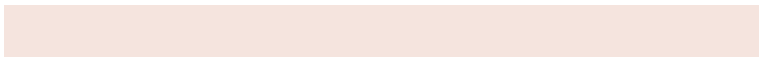
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4951, 80.1324, 89.7021



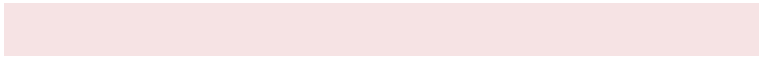
79.4787, 80.1324, 84.6769



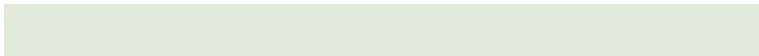
78.5649, 80.1324, 80.5013

Triad

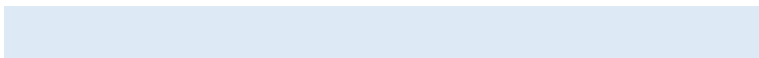
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4787, 80.1324, 84.6769



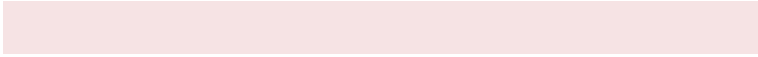
73.7688, 80.1324, 80.6196



75.3185, 80.1324, 96.9984

Complementary

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



79.4787, 80.1324, 84.6769



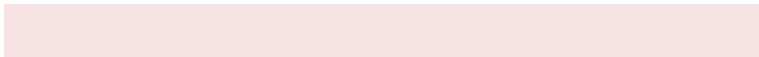
81.1188, 88.8370, 99.2624

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.



73.8115, 80.1324, 94.3669



79.4787, 80.1324, 84.6769



72.9262, 80.1324, 84.8441

Square

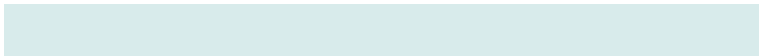
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4787, 80.1324, 84.6769



75.2594, 80.1324, 78.2212



72.9417, 80.1324, 89.8758



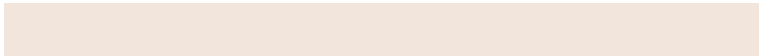
77.0747, 80.1324, 96.9494

Rectangle

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



79.4787, 80.1324, 84.6769



77.5776, 80.1324, 78.7047



72.9417, 80.1324, 89.8758



74.7665, 80.1324, 96.3937

Sweetspot

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



79.4809, 80.1359, 84.6786



92.6761, 96.4817, 104.3184



81.6692, 80.9601, 98.5122



19.8614, 20.6879, 22.3764



0.0000, 0.0000, 0.0000



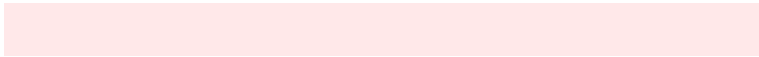
20.3446, 21.4041, 23.3091

Same Dimension

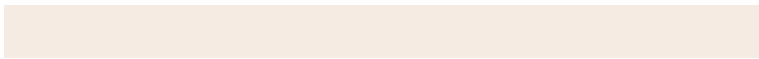
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4809, 80.1359, 84.6786



84.8549, 84.8990, 89.1953



81.6487, 84.6920, 84.7211



16.5343, 16.4966, 17.2944



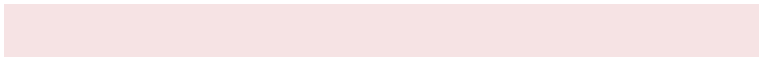
20.3396, 10.4793, 1.2309



1.7998, 0.9259, 0.1721

Inverse Universe

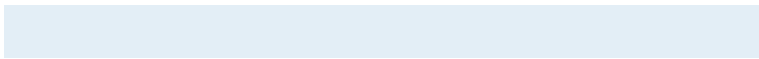
The Inverse Universe completely reimagines the original color for something new.



79.4809, 80.1359, 84.6786



84.8549, 84.8990, 89.1953



78.8227, 84.0009, 99.2492



16.5343, 16.4966, 17.2944



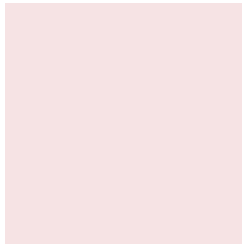
20.3396, 10.4793, 1.2309



1.7998, 0.9259, 0.1721

Previews

White Background



This preview shows how the XYZ color 79.4787, 80.1324, 84.6769 looks on a white background.

Color Contrast Check

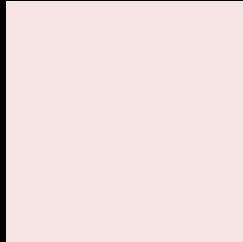
Large Text (above 18pt) WCAG AA × Fail

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 79.4787, 80.1324, 84.6769 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 79.4787, 80.1324, 84.6769

Background



This preview shows how black text looks on a background with the XYZ color 79.4787, 80.1324, 84.6769.



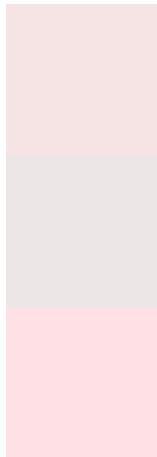
This preview shows how white text looks on a background with the XYZ color 79.4787, 80.1324,

84.6769.

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

79.4787, 80.1324, 84.6769

Protanopia

77.1718, 80.1397, 86.2640

Deuteranopia

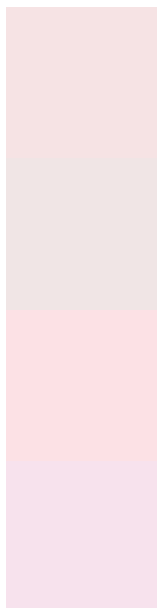
82.0385, 80.2285, 85.2905



Tritanopia

81.6636, 80.2177, 95.1838

Trichromacy



Original Color

79.4787, 80.1324, 84.6769

Protanomaly

78.0973, 80.2210, 85.4968

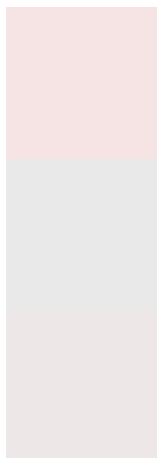
Deuteranomaly

81.2130, 80.2030, 85.3291

Tritanomaly

80.8402, 80.2813, 91.3559

Monochromacy



Original Color

79.4787, 80.1324, 84.6769

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.2596, 81.0985, 87.1302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4787, 80.1324, 84.6769 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, 227, 228) looks like.

```
.text, #text, p{  
    color:rgb(246, 227, 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(246, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 228) }
```

Border

The CSS property to change the border of an element to XYZ 79.4787, 80.1324, 84.6769 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, 227, 228) }
```


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

```
.border{ border-color:rgb(246, 227, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(246, 227,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4787, 80.1324, 84.6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 228) }
```

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

```
.background{ background-color: rgb(246,  
227, 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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