

Converting Colors

XYZ(79.4885, 81.6189, 82.7937)

Have a look what the booklet for
XYZ(79.4885, 81.6189, 82.7937)
contains.

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Color

**XYZ(79.4747, 81.8212,
82.8385)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E7E1
RGB	244, 231, 225
RGB Percent	96%, 91%, 88%
CMY	0.0431, 0.0941, 0.1176
CMYK	0.00, 0.05, 0.08, 0.04
HSL	19°, 46%, 92%
HSV	19°, 8%, 96%
XYZ	79.4747, 81.8212, 82.8385
YIQ	234.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

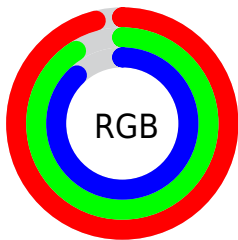
Format	Color
RYB	244, 234, 225
Decimal	16050145
CIELab	92.50, 3.40, 4.48
CIELCh	92, 5.622, 52.853
Yxy	81.8212, 0.3255, 0.3351
Android (android.graphics.Color)	4294240225 (0xFF4E7E1)
YUV	234.2030, -4.5371, 8.5920
Hunter-Lab	90.4551, -1.4646, 9.0209

Details

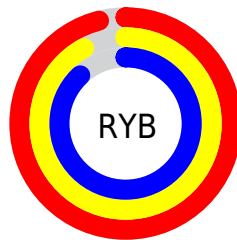
The XYZ color **79.4747, 81.8212, 82.8385** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.9547, 83.6866, 97.6332**, and the grayscale version is **78.3906, 82.4730, 89.8131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3247, 44.2536, 44.2885** is the 20% darker color. If you saturate the color by 10%, you get **71.9312, 71.6853, 65.0584**, and if you desaturate by 10%, it is **87.9439, 93.0453, 103.2759**.

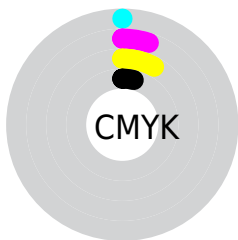
Distribution



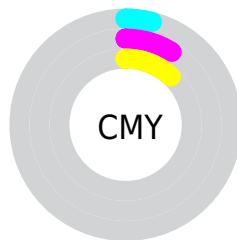
- Red (96%)
- Green (91%)
- Blue (88%)



- Red (96%)
- Yellow (92%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4747, 81.8212, 82.8385 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 79.4747, 81.8212, 82.8385 by changing the saturation by 10% instead.


 79.4747, 81.8212,
82.8385

 79.4747, 81.8212,
82.8385


481.9243,
501.0494, 524.4050

 59.5932, 61.2182,
61.5171


131.5813,
135.9232, 139.1965

 43.3390, 44.4013,
44.2093


164.5372,
170.1910, 175.0701

 30.3469, 30.9861,
30.4967


202.5818,
209.7825, 216.6315

 20.2514, 20.5883,
19.9607

246.0805,
255.0821, 264.2993

 12.6872, 12.8234,
12.1827

295.3988,
306.4742, 318.4921

 7.2890, 7.3070,
6.7442

350.9020,

 3.6914, 3.6548,

364.3432, 379.6282

3.2266

412.9554,
429.0735, 448.1264

■ 1.5291, 1.4824,
1.2115

■ 0.3455, 0.2763,
0.0000

■ 79.4747, 81.8212,
82.8385

■ 79.4747, 81.8212,
82.8385

■ 71.9312, 71.6853,
65.0584

■ 87.9439, 93.0453,
103.2759

■ 65.2741, 62.5942,
49.8205

■ 91.1185, 97.9733,
108.7160

■ 59.4713, 54.5167,
37.0089

■ 54.4858, 47.4166,
26.4967

■ 50.2780, 41.2550,
18.1454

■ 46.8045, 35.9903,
11.8012

■ 44.0171, 31.5775,
7.2899

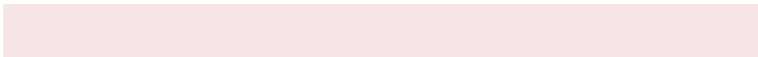
■ 41.8609, 27.9670,
4.4069

■ 40.2661, 25.1011,
2.8778

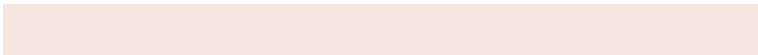
Harmonies

Analogous

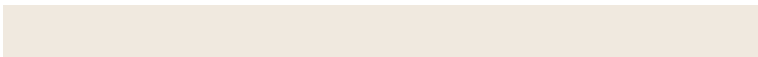
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3821, 81.8212, 86.0059



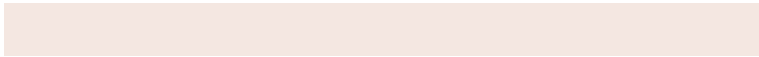
79.4747, 81.8212, 82.8385



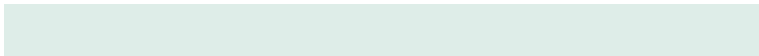
78.1181, 81.8212, 81.3541

Triad

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



79.4747, 81.8212, 82.8385



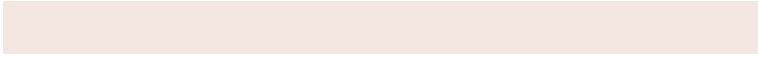
75.0185, 81.8212, 88.0937



78.8630, 81.8212, 96.6988

Complementary

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



79.4747, 81.8212, 82.8385



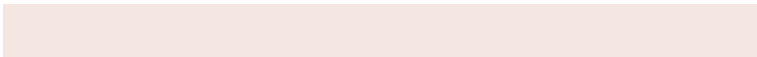
77.9547, 83.6866, 97.6332

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.



77.4201, 81.8212, 97.3001



79.4747, 81.8212, 82.8385



75.2124, 81.8212, 92.2457

Square

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



79.4747, 81.8212, 82.8385



75.5542, 81.8212, 84.3260



76.0871, 81.8212, 95.6471



80.0259, 81.8212, 94.0288

Rectangle

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



79.4747, 81.8212, 82.8385



77.1463, 81.8212, 81.4849



76.0871, 81.8212, 95.6471



78.3942, 81.8212, 97.1529

Sweetspot

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



79.4770, 81.8248, 82.8403



93.1369, 97.4704, 104.2651



79.7111, 79.2754, 92.2215



19.9552, 20.8893, 22.3656



0.0000, 0.0000, 0.0000



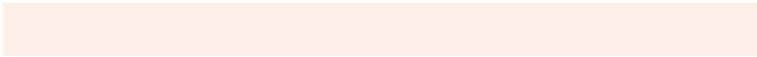
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4770, 81.8248, 82.8403



86.7678, 88.9995, 88.9866



82.1187, 87.1082, 83.7208



16.9265, 17.3371, 17.2518



21.8413, 13.5683, 1.4678



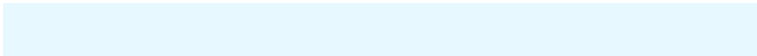
2.0080, 1.3693, 0.1585

Inverse Universe

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



77.9547, 83.6866, 97.6332



84.8347, 91.3636, 107.7714



75.3456, 78.4684, 96.7635



16.5293, 17.8228, 21.1115



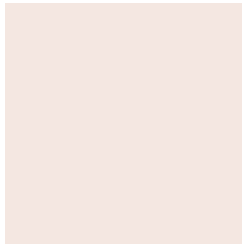
16.5098, 18.8134, 49.2992



1.5430, 1.8375, 4.3636

Previews

White Background



This preview shows how the XYZ color 79.4747, 81.8212, 82.8385 looks on a white background.

Color Contrast Check

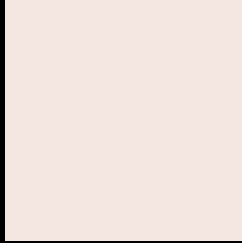
Large Text (above 18pt) WCAG AA × Fail

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 79.4747, 81.8212, 82.8385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

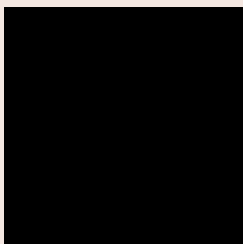
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

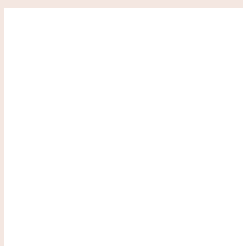
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4747, 81.8212, 82.8385

Background



This preview shows how black text looks on a background with the XYZ color 79.4747, 81.8212, 82.8385.

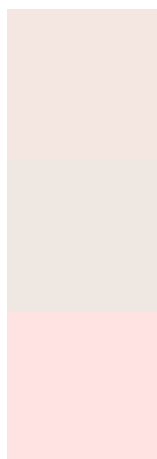


This preview shows how white text looks on a background with the XYZ color 79.4747, 81.8212,

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

79.4747, 81.8212, 82.8385

Protanopia

78.1807, 81.5549, 83.5726

Deuteranopia

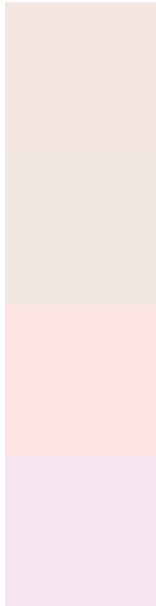
82.5742, 81.7442, 84.0991



Tritanopia

82.7357, 81.9148, 98.6393

Trichromacy



Original Color

79.4747, 81.8212, 82.8385

Protanomaly

78.8597, 81.9050, 83.6044

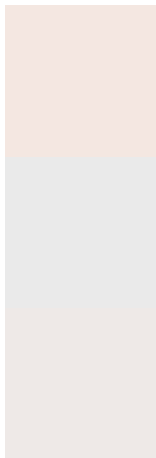
Deuteranomaly

81.2545, 81.4870, 83.3975

Tritanomaly

81.4580, 81.8045, 92.3855

Monochromacy



Original Color

79.4747, 81.8212, 82.8385

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.8226, 82.2245, 87.3178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4747, 81.8212, 82.8385 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, 225) looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 225) }
```

Border

The CSS property to change the border of an element to XYZ 79.4747, 81.8212, 82.8385 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, 225) }
```


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

```
.border{ border-color:rgb(244, 231, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 225);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4747, 81.8212, 82.8385 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, 225) }
```

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

```
.background{ background-color: rgb(244,  
231, 225) }
```

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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