

Converting Colors

XYZ(77.9711, 79.5587, 85.2640)

Have a look what the booklet for
XYZ(77.9711, 79.5587, 85.2640)
contains.

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Color

**XYZ(78.1619, 79.8447,
85.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E4E5
RGB	241, 228, 229
RGB Percent	95%, 89%, 90%
CMY	0.0549, 0.1059, 0.1020
CMYK	0.00, 0.05, 0.05, 0.05
HSL	355°, 32%, 92%
HSV	355°, 5%, 95%
XYZ	78.1619, 79.8447, 85.4207
YIQ	232.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

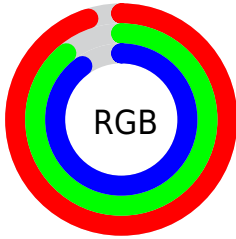
Format	Color
R _Y B	241, 228, 229
Decimal	15852773
CIE Lab	91.62, 4.58, 1.09
CIE LCh	92, 4.710, 13.321
Yxy	79.8447, 0.3211, 0.3280
Android (android.graphics.Color)	4294042853 (0xFF1E4E5)
YUV	232.0010, -1.4795, 7.8921
Hunter-Lab	89.3559, -0.2342, 5.8702

Details

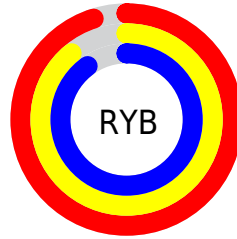
The XYZ color **78.1619, 79.8447, 85.4207** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.1814, 85.6979, 94.8104**, and the grayscale version is **76.7112, 80.7062, 87.8891**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5911, 43.2574, 46.1491** is the 20% darker color. If you saturate the color by 10%, you get **69.0783, 66.3345, 68.0333**, and if you desaturate by 10%, it is **88.5726, 95.3694, 105.2174**.

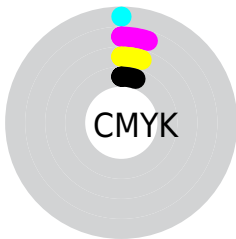
Distribution



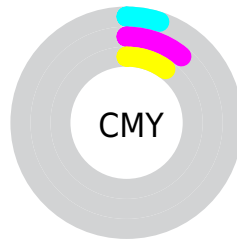
- Red (95%)
- Green (89%)
- Blue (90%)



- Red (95%)
- Yellow (89%)
- Blue (90%)



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



- Cyan (5%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1619, 79.8447, 85.4207 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 78.1619, 79.8447, 85.4207 by changing the saturation by 10% instead.

78.1619, 79.8447,
85.4207

78.1619, 79.8447,
85.4207

477.5479,
494.4093, 533.2000

58.5102, 59.5906,
63.6369

129.7425,
133.1474, 142.8402

42.4638, 43.0887,
45.9123

162.4021,
166.9647, 179.3130

29.6573, 29.9547,
31.8285

200.1284,
206.0719, 221.5191

19.7254, 19.8042,
20.9668

243.2868,
250.8533, 269.8772

12.3027, 12.2528,
12.9087

292.2426,
301.6933, 324.8058

7.0239, 6.9161,
7.2357

347.3611,

3.5235, 3.4097,

358.9764, 386.7235

3.5293

409.0078,
423.0870, 456.0487

■ 1.4363, 1.3492,
1.3708

■ 0.2818, 0.1788,
0.1188

■ 78.1619, 79.8447,
85.4207

■ 78.1619, 79.8447,
85.4207

■ 69.0783, 66.3345,
68.0333

■ 88.5726, 95.3694,
105.2174

■ 61.2618, 54.7465,
52.9582

■ 90.0861, 97.4410,
108.6677

■ 54.6583, 44.9964,
40.0995

■ 49.2067, 36.9897,
29.3527

■ 44.8409, 30.6237,
20.6047

■ 41.4880, 25.7847,
13.7319

■ 39.0660, 22.3444,
8.5970

■ 37.4802, 20.1540,
5.0438

■ 36.6153, 19.0301,
2.8878

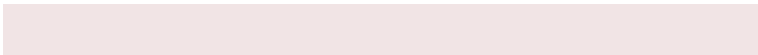
Harmonies

Analogous

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



78.1262, 79.8447, 88.8514



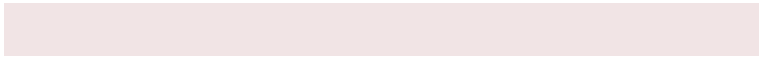
78.1619, 79.8447, 85.4207



77.5843, 79.8447, 82.4735

Triad

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



78.1619, 79.8447, 85.4207



74.3149, 79.8447, 82.2089



75.2284, 79.8447, 93.4351

Complementary

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



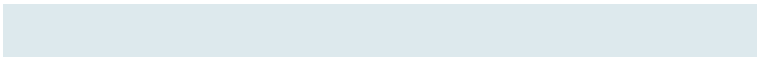
78.1619, 79.8447, 85.4207



79.1814, 85.6979, 94.8104

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.



74.2205, 79.8447, 91.5594



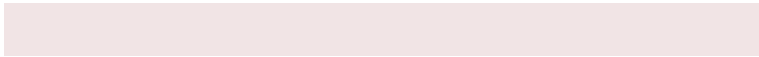
78.1619, 79.8447, 85.4207



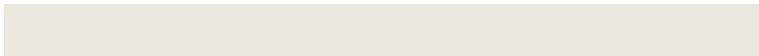
73.6969, 79.8447, 85.0509

Square

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



78.1619, 79.8447, 85.4207



75.3586, 79.8447, 80.6524



73.6625, 79.8447, 88.4718



76.4239, 79.8447, 93.5405

Rectangle

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



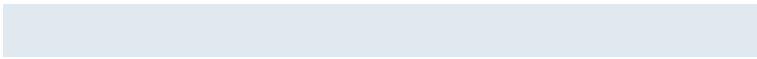
78.1619, 79.8447, 85.4207



76.9327, 79.8447, 81.1545



73.6625, 79.8447, 88.4718



74.8567, 79.8447, 92.9885

Sweetspot

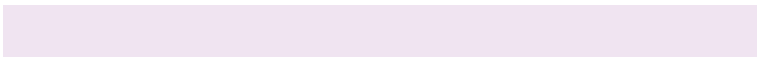
The Sweet Spot groups the original color and five complimentary colors.



78.1641, 79.8482, 85.4224



92.6955, 96.4895, 104.4205



79.5299, 80.3519, 94.5380



19.8653, 20.6895, 22.3972



0.0000, 0.0000, 0.0000



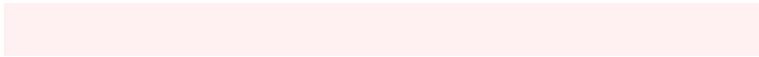
20.3446, 21.4041, 23.3091

Same Dimension

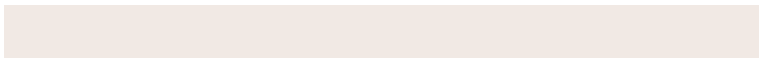
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1641, 79.8482, 85.4224



88.1700, 89.7469, 95.7951



79.5386, 82.8190, 85.1964



16.3902, 16.6241, 17.7044



19.7512, 10.1729, 1.3405



1.6600, 0.8531, 0.2006

Inverse Universe

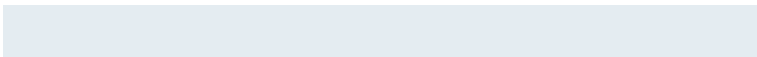
The Inverse Universe completely reimagines the original color for something new.



78.1641, 79.8482, 85.4224



88.1700, 89.7469, 95.7951



77.7506, 82.5989, 95.0655



16.3902, 16.6241, 17.7044



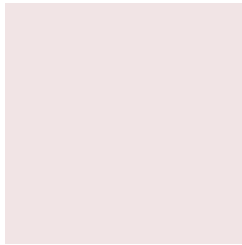
19.7512, 10.1729, 1.3405



1.6600, 0.8531, 0.2006

Previews

White Background



This preview shows how the XYZ color 78.1619, 79.8447, 85.4207 looks on a white background.

Color Contrast Check

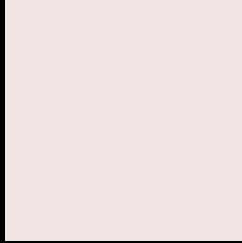
Large Text (above 18pt) WCAG AA × Fail

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 78.1619, 79.8447, 85.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

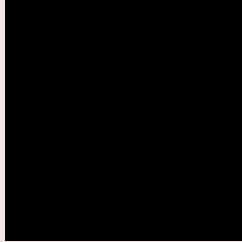
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

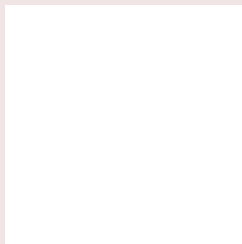
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1619, 79.8447, 85.4207

Background



This preview shows how black text looks on a background with the XYZ color 78.1619, 79.8447, 85.4207.

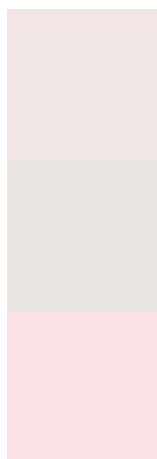


This preview shows how white text looks on a background with the XYZ color 78.1619, 79.8447,

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

78.1619, 79.8447, 85.4207

Protanopia

76.8407, 79.9690, 86.2485

Deuteranopia

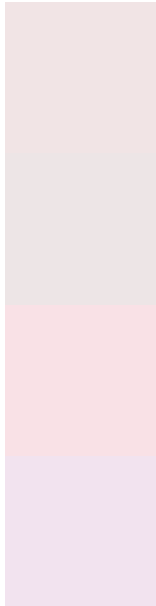
81.4466, 79.9071, 85.9938



Tritanopia

80.4876, 79.9791, 96.7833

Trichromacy



Original Color

78.1619, 79.8447, 85.4207

Protanomaly

77.2273, 79.7563, 86.1871

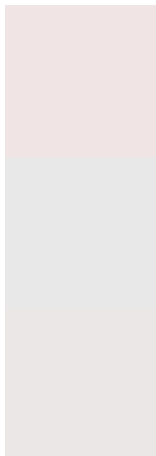
Deuteranomaly

80.2751, 79.7033, 86.0162

Tritanomaly

79.6670, 80.0474, 92.9131

Monochromacy



Original Color

78.1619, 79.8447, 85.4207

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2607, 80.5835, 87.0834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1619, 79.8447, 85.4207 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(241, 228, 229) looks like.

```
.text, #text, p{  
    color:rgb(241, 228, 229)  
}
```

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(241, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 229) }
```

Border

The CSS property to change the border of an element to XYZ 78.1619, 79.8447, 85.4207 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(241, 228, 229) }
```


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

```
.border{ border-color:rgb(241, 228, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 228, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(241, 228,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1619, 79.8447, 85.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 228, 229) }
```

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

```
.background{ background-color: rgb(241,  
228, 229) }
```

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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