

Converting Colors

$Y_{xy}(78.6719, 0.3319, 0.3337)$

Have a look what the booklet for
Yxy(78.6719, 0.3319, 0.3337)
contains.

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Color

Yxy(78.7919, 0.3317, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	F7E1DC
RGB	247, 225, 220
RGB Percent	97%, 88%, 86%
CMY	0.0313, 0.1176, 0.1374
CMYK	0.00, 0.09, 0.11, 0.03
HSL	11°, 63%, 92%
HSV	11°, 11%, 97%
XYZ	78.2025, 78.7919, 78.7683
YIQ	231.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

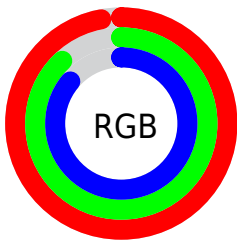
Format	Color
R _Y B	247, 226, 220
Decimal	16245212
CIE Lab	91.14, 6.71, 5.18
CIE LCh	91, 8.481, 37.682
Yxy	78.7919, 0.3317, 0.3342
Android (android.graphics.Color)	4294435292 (0xFF7E1DC)
YUV	231.0080, -5.4269, 14.0250
Hunter-Lab	88.7648, 1.9215, 9.5225

Details

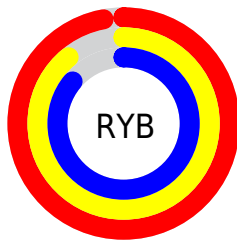
The Yxy color **78.7919, 0.3317, 0.3342** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4187, 0.2958, 0.3237**, and the grayscale version is **79.9526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5424, 0.3365, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **67.3464, 0.3529, 0.3393**, and if you desaturate by 10%, it is **91.7171, 0.3142, 0.3294**.

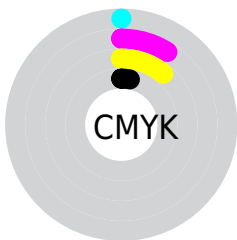
Distribution



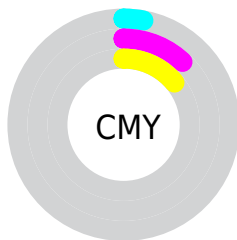
- Red (97%)
- Green (88%)
- Blue (86%)



- Red (97%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.7919, 0.3317, 0.3342 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 Yxy color 78.7919, 0.3317, 0.3342 by changing the saturation by 10% instead.


 78.7919, 0.3317,
0.3342

 78.7919, 0.3317,
0.3342


490.8521, 0.3230,
0.3319

 58.7247, 0.3337,
0.3347

131.6659, 0.3287,
0.3334

 42.3916, 0.3361,
0.3353


165.2414, 0.3275,
0.3331

 29.4080, 0.3392,
0.3361


204.0886, 0.3265,
0.3328

 19.3897, 0.3431,
0.3370

248.5917, 0.3256,
0.3326

 11.9522, 0.3485,
0.3383

299.1353, 0.3249,
0.3324

 6.7111, 0.3562,
0.3400

356.1036, 0.3242,

 3.2821, 0.3681,

0.3322

0.3424

419.8810, 0.3235,
0.3321

■ 1.2807, 0.3889,
0.3461

■ 0.1262, 0.6922,
0.3078

■ 78.7919, 0.3317,
0.3342

■ 78.7919, 0.3317,
0.3342

■ 67.3464, 0.3529,
0.3393

■ 91.7171, 0.3142,
0.3294

■ 57.3173, 0.3786,
0.3446

■ 98.5182, 0.3078,
0.3290

■ 48.6525, 0.4093,
0.3497

■ 41.2924, 0.4452,
0.3543

■ 35.1731, 0.4855,
0.3575

■ 30.2251, 0.5280,
0.3585

■ 26.3719, 0.5685,
0.3563

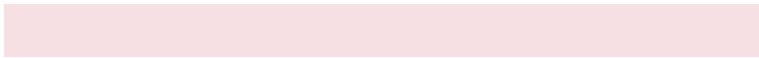
■ 23.5275, 0.6017,
0.3508

■ 21.7342, 0.6225,
0.3439

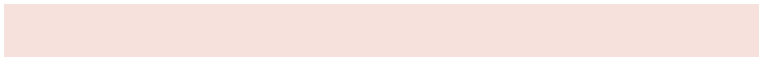
Harmonies

Analogous

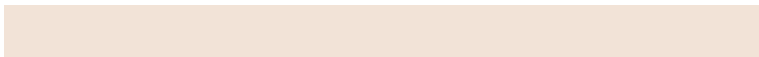
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7919, 0.3266, 0.3255



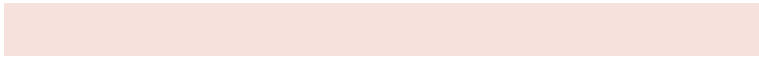
78.7919, 0.3317, 0.3342



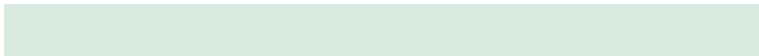
78.7919, 0.3316, 0.3417

Triad

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



78.7919, 0.3317, 0.3342



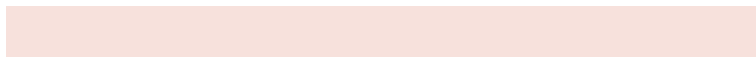
78.7919, 0.3075, 0.3406



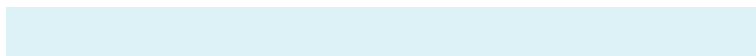
78.7919, 0.2990, 0.3123

Complementary

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



78.7919, 0.3317, 0.3342



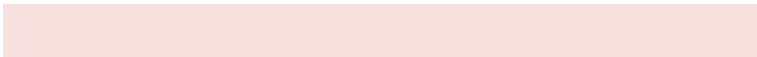
85.4187, 0.2958, 0.3237

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.



78.7919, 0.2941, 0.3160



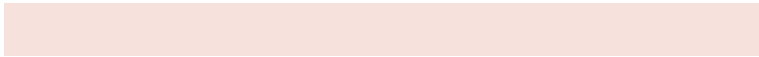
78.7919, 0.3317, 0.3342



78.7919, 0.2990, 0.3324

Square

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



78.7919, 0.3317, 0.3342



78.7919, 0.3176, 0.3456



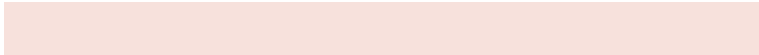
78.7919, 0.2941, 0.3233



78.7919, 0.3076, 0.3130

Rectangle

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



78.7919, 0.3317, 0.3342



78.7919, 0.3287, 0.3450



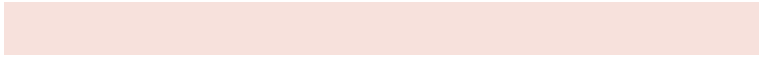
78.7919, 0.2941, 0.3233



78.7919, 0.2969, 0.3131

Sweetspot

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



78.7954, 0.3317, 0.3342



95.6096, 0.3175, 0.3304



77.3584, 0.3173, 0.3068



20.2186, 0.3189, 0.3308



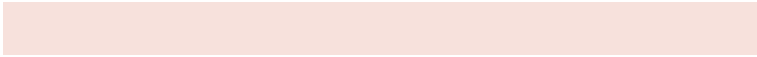
0.0000, 0.0000, 0.0000



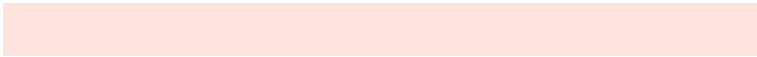
21.4041, 0.3127, 0.3290

Same Dimension

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



78.7954, 0.3317, 0.3342



82.0273, 0.3358, 0.3352



86.3565, 0.3301, 0.3477



16.9819, 0.3289, 0.3335



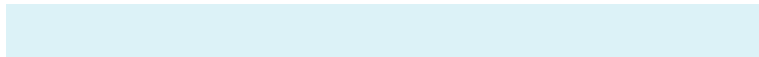
11.6414, 0.6201, 0.3458



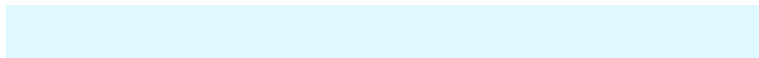
1.1568, 0.5977, 0.3636

Inverse Universe

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



85.4187, 0.2958, 0.3237



90.3682, 0.2926, 0.3227



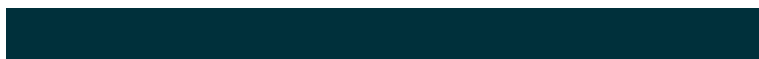
77.7052, 0.2956, 0.3096



18.2020, 0.2980, 0.3245



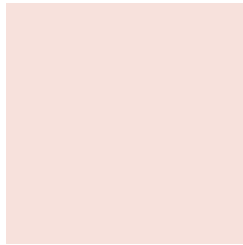
25.8352, 0.2078, 0.2682



2.4034, 0.2102, 0.2767

Previews

White Background



This preview shows how the Yxy color 78.7919, 0.3317, 0.3342 looks on a white background.

Color Contrast Check

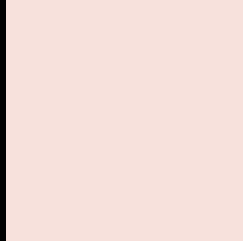
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 78.7919, 0.3317, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

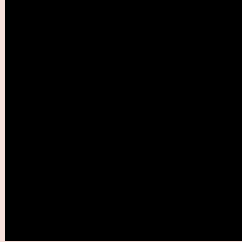
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

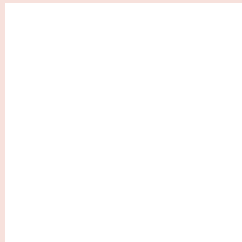
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7919, 0.3317, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 78.7919, 0.3317, 0.3342.

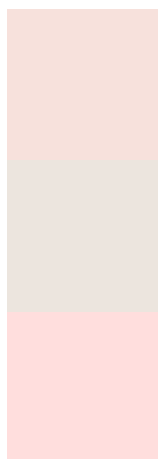


This preview shows how white text looks on a background with the Yxy color 78.7919, 0.3317, 0.3342.

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

78.7919, 0.3317, 0.3342

Protanopia

79.1454, 0.3221, 0.3363

Deuteranopia

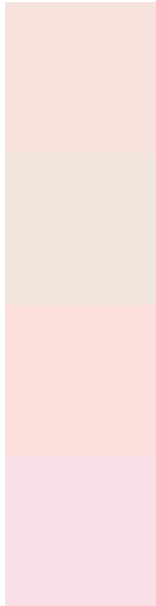
78.7230, 0.3372, 0.3301



Tritanopia

78.7985, 0.3213, 0.3120

Trichromacy



Original Color

78.7919, 0.3317, 0.3342

Protanomaly

79.2325, 0.3257, 0.3363

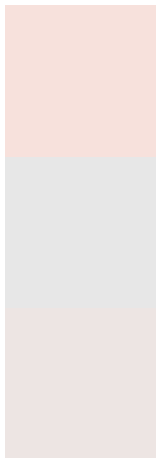
Deuteranomaly

78.6913, 0.3348, 0.3311

Tritanomaly

78.7413, 0.3252, 0.3200

Monochromacy



Original Color

78.7919, 0.3317, 0.3342

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5892, 0.3195, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7919, 0.3317, 0.3342 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(247, 225, 220)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 220)  
}
```

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(247, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 220) }
```

Border

The CSS property to change the border of an element to Yxy 78.7919, 0.3317, 0.3342 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(247, 225, 220) }
```

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

```
.border{ border-color:rgb(247, 225, 220) }
```

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

Here you see how a box with a 4 pixel rgb(247, 225, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7919, 0.3317, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 220) }
```

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

```
.background{ background-color: rgb(247,  
225, 220) }
```

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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