

Converting Colors

$Y_{xy}(79.2737, 0.3359, 0.3386)$

Have a look what the booklet for
Yxy(79.2737, 0.3359, 0.3386)
contains.

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Color

Yxy(78.9480, 0.3358, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	F9E1D8
RGB	249, 225, 216
RGB Percent	98%, 88%, 85%
CMY	0.0236, 0.1176, 0.1528
CMYK	0.00, 0.10, 0.13, 0.02
HSL	16°, 73%, 91%
HSV	16°, 13%, 98%
XYZ	78.3878, 78.9480, 76.1001
YIQ	231.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

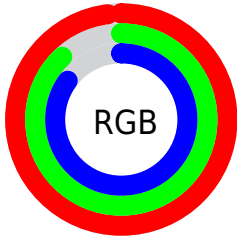
Format	Color
R _Y B	249, 228, 216
Decimal	16376280
CIE Lab	91.21, 6.78, 7.36
CIE LCh	91, 10.003, 47.349
Yxy	78.9480, 0.3358, 0.3382
Android (android.graphics.Color)	4294566360 (0xFFFF9E1D8)
YUV	231.1500, -7.4689, 15.6545
Hunter-Lab	88.8527, 1.9843, 11.4165

Details

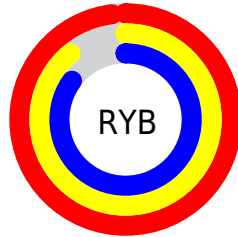
The Yxy color $78.9480, 0.3358, 0.3382$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.7788, 0.2922, 0.3196$, and the grayscale version is $80.0786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.5291, 0.3410, 0.3409$ is the 20% darker color. If you saturate the color by 10%, you get $68.4740, 0.3572, 0.3457$, and if you desaturate by 10%, it is $90.6644, 0.3179, 0.3312$.

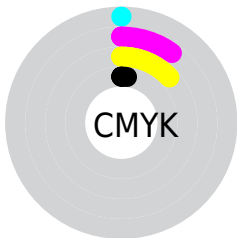
Distribution



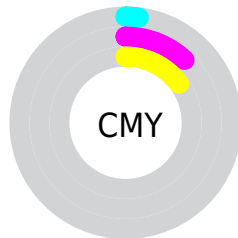
- Red (98%)
- Green (88%)
- Blue (85%)



- Red (98%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9480, 0.3358, 0.3382 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 78.9480, 0.3358, 0.3382 by changing the saturation by 10% instead.


 78.9480, 0.3358,
0.3382

 78.9480, 0.3358,
0.3382


491.3804, 0.3252,
0.3341

 58.8531, 0.3382,
0.3391


131.8857, 0.3321,
0.3368

 42.4948, 0.3411,
0.3402

165.4972, 0.3307,
0.3363

 29.4890, 0.3449,
0.3416


204.3830, 0.3295,
0.3358

 19.4510, 0.3497,
0.3433

248.9275, 0.3284,
0.3354

 11.9966, 0.3563,
0.3456

299.5151, 0.3275,
0.3350

 6.7414, 0.3656,
0.3487

356.5302, 0.3266,

 3.3009, 0.3800,

0.3347

0.3531

420.3571, 0.3259,
0.3344

■ 1.2908, 0.4056,
0.3606

■ 0.1340, 0.6860,
0.3140

■ 78.9480, 0.3358,
0.3382

■ 78.9480, 0.3358,
0.3382

■ 68.4740, 0.3572,
0.3457

■ 90.6644, 0.3179,
0.3312

■ 59.1908, 0.3827,
0.3533

■ 98.8777, 0.3090,
0.3290

■ 51.0585, 0.4125,
0.3607

■ 44.0311, 0.4466,
0.3672

■ 38.0592, 0.4841,
0.3718

■ 33.0896, 0.5229,
0.3733

■ 29.0639, 0.5595,
0.3708

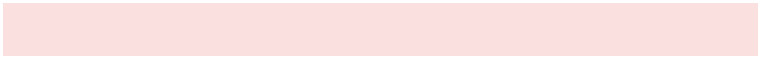
■ 25.9167, 0.5898,
0.3637

■ 24.2412, 0.6058,
0.3572

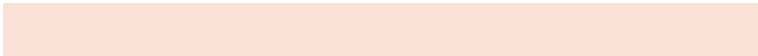
Harmonies

Analogous

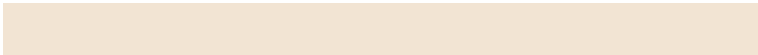
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9480, 0.3316, 0.3281



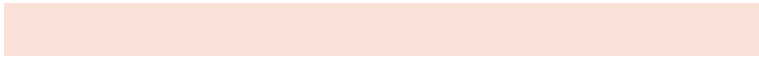
78.9480, 0.3358, 0.3382



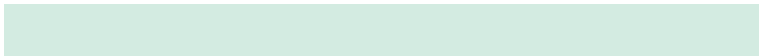
78.9480, 0.3337, 0.3461

Triad

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



78.9480, 0.3358, 0.3382



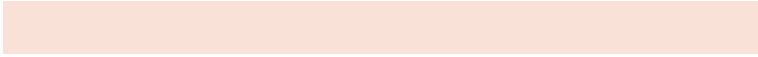
78.9480, 0.3030, 0.3399



78.9480, 0.2995, 0.3091

Complementary

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



78.9480, 0.3358, 0.3382



83.7788, 0.2922, 0.3196

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.



78.9480, 0.2921, 0.3118



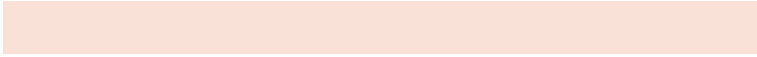
78.9480, 0.3358, 0.3382



78.9480, 0.2941, 0.3295

Square

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



78.9480, 0.3358, 0.3382



78.9480, 0.3146, 0.3473



78.9480, 0.2902, 0.3191



78.9480, 0.3105, 0.3116

Rectangle

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



78.9480, 0.3358, 0.3382



78.9480, 0.3290, 0.3490



78.9480, 0.2902, 0.3191



78.9480, 0.2965, 0.3094

Sweetspot

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



78.9515, 0.3358, 0.3382



94.7143, 0.3191, 0.3317



75.5743, 0.3202, 0.3048



20.0651, 0.3204, 0.3322



0.0000, 0.0000, 0.0000



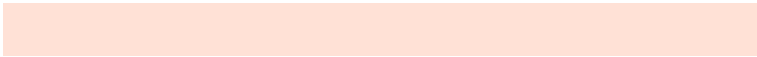
21.4041, 0.3127, 0.3290

Same Dimension

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



78.9515, 0.3358, 0.3382



80.1386, 0.3414, 0.3402



88.1868, 0.3336, 0.3544



17.9935, 0.3287, 0.3355



13.1781, 0.6030, 0.3594



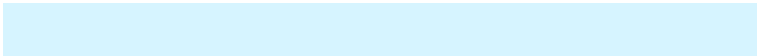
1.3886, 0.5799, 0.3777

Inverse Universe

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



83.7788, 0.2922, 0.3196



86.1869, 0.2879, 0.3175



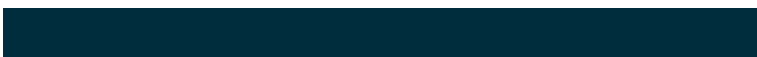
74.6102, 0.2917, 0.3023



18.7630, 0.2980, 0.3224



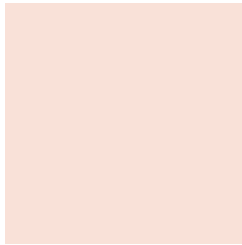
21.6544, 0.1994, 0.2380



2.1816, 0.2028, 0.2501

Previews

White Background



This preview shows how the Yxy color 78.9480, 0.3358, 0.3382 looks on a white background.

Color Contrast Check

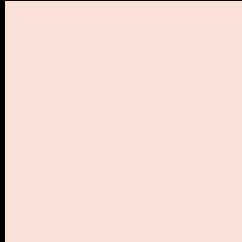
Large Text (above 18pt) WCAG AA × Fail

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 78.9480, 0.3358, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

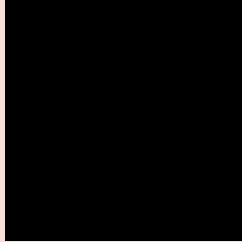
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

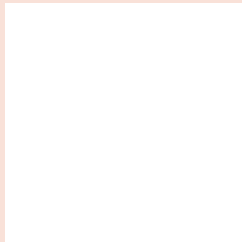
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9480, 0.3358, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 78.9480, 0.3358, 0.3382.

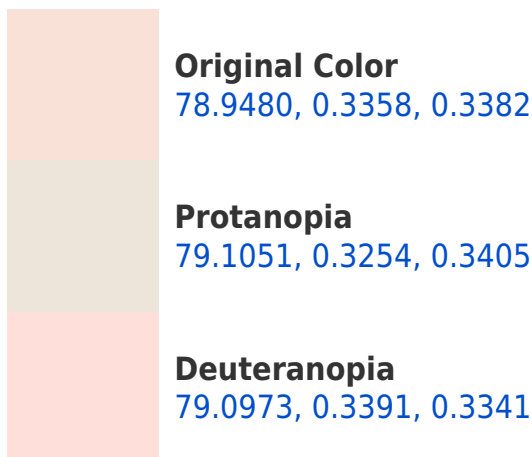


This preview shows how white text looks on a background with the Yxy color 78.9480, 0.3358, 0.3382.

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

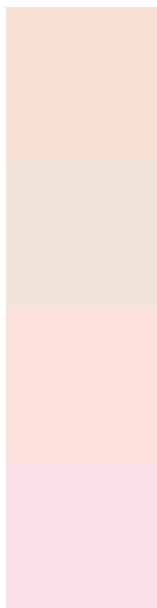




Tritanopia

79.1700, 0.3227, 0.3121

Trichromacy



Original Color

78.9480, 0.3358, 0.3382

Protanomaly

79.1973, 0.3290, 0.3404

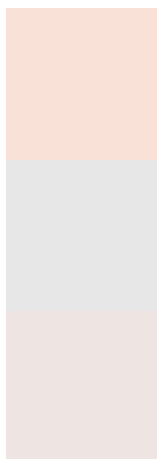
Deuteranomaly

79.2037, 0.3382, 0.3361

Tritanomaly

79.0541, 0.3273, 0.3210

Monochromacy



Original Color

78.9480, 0.3358, 0.3382

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.7068, 0.3209, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9480, 0.3358, 0.3382 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(249, 225, 216)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 216)  
}
```

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(249, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 216) }
```

Border

The CSS property to change the border of an element to Yxy 78.9480, 0.3358, 0.3382 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(249, 225, 216) }
```

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

```
.border{ border-color:rgb(249, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9480, 0.3358, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 216) }
```

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

```
.background{ background-color: rgb(249,  
225, 216) }
```

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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