

Converting Colors

$Yxy(78.5053, 0.3385, 0.3434)$

Have a look what the booklet for
Yxy(78.5053, 0.3385, 0.3434)
contains.

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Color

Yxy(78.5100, 0.3385, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	F8E1D3
RGB	248, 225, 211
RGB Percent	97%, 88%, 83%
CMY	0.0276, 0.1176, 0.1724
CMYK	0.00, 0.09, 0.15, 0.03
HSL	23°, 72%, 90%
HSV	23°, 15%, 97%
XYZ	77.3897, 78.5100, 72.7258
YIQ	230.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

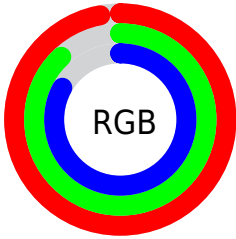
Format	Color
R_{YB}	248, 234, 211
Decimal	16310739
CIE _{Lab}	91.01, 5.63, 9.68
CIE _{LCh}	91, 11.199, 59.790
Yxy	78.5100, 0.3385, 0.3434
Android (android.graphics.Color)	4294500819 (0xFFFF8E1D3)
YUV	230.2810, -9.5055, 15.5396
Hunter-Lab	88.6059, 0.8444, 13.3602

Details

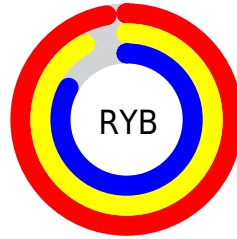
The Yxy color **78.5100, 0.3385, 0.3434** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4711, 0.2895, 0.3142**, and the grayscale version is **79.4124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2261, 0.3446, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **69.4024, 0.3595, 0.3537**, and if you desaturate by 10%, it is **88.5687, 0.3205, 0.3336**.

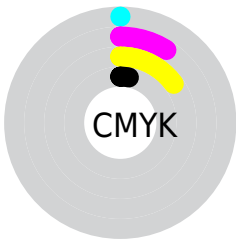
Distribution



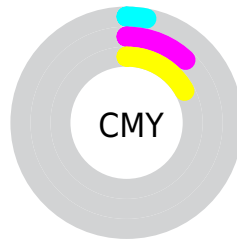
- Red (97%)
- Green (88%)
- Blue (83%)



- Red (97%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5100, 0.3385, 0.3434 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 78.5100, 0.3385, 0.3434 by changing the saturation by 10% instead.


 78.5100, 0.3385,
0.3434

 78.5100, 0.3385,
0.3434


489.8971, 0.3267,
0.3369

 58.4930, 0.3412,
0.3448


131.2688, 0.3344,
0.3412

 42.2051, 0.3445,
0.3466


164.7794, 0.3328,
0.3403

 29.2620, 0.3486,
0.3488


203.5567, 0.3314,
0.3396

 19.2791, 0.3541,
0.3515

247.9851, 0.3302,
0.3389

 11.8721, 0.3614,
0.3552

298.4489, 0.3292,
0.3383

 6.6566, 0.3718,
0.3603

355.3326, 0.3283,

 3.2483, 0.3878,

0.3378

0.3677

419.0205, 0.3274,
0.3374

■ 1.2627, 0.4195,
0.3830

■ 0.1120, 0.6853,
0.3147

■ 78.5100, 0.3385,
0.3434

■ 78.5100, 0.3385,
0.3434

■ 69.4024, 0.3595,
0.3537

■ 88.5687, 0.3205,
0.3336

■ 61.2069, 0.3839,
0.3642

■ 98.6909, 0.3084,
0.3290

■ 53.8969, 0.4116,
0.3743

■ 47.4405, 0.4426,
0.3833

■ 41.8037, 0.4757,
0.3899

■ 36.9499, 0.5093,
0.3929

■ 32.8388, 0.5408,
0.3910

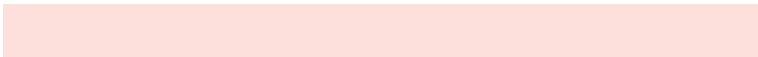
■ 29.4251, 0.5672,
0.3838

■ 27.9282, 0.5788,
0.3786

Harmonies

Analogous

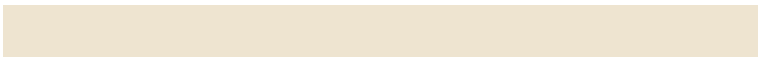
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5100, 0.3367, 0.3328



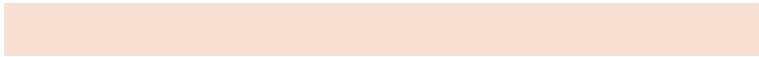
78.5100, 0.3385, 0.3434



78.5100, 0.3332, 0.3505

Triad

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



78.5100, 0.3385, 0.3434



78.5100, 0.2972, 0.3366



78.5100, 0.3027, 0.3072

Complementary

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



78.5100, 0.3385, 0.3434



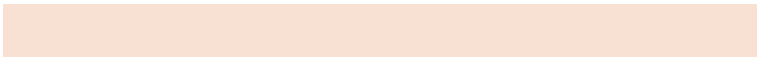
79.4711, 0.2895, 0.3142

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.



78.5100, 0.2924, 0.3077



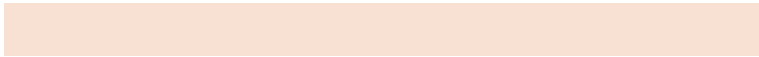
78.5100, 0.3385, 0.3434



78.5100, 0.2893, 0.3245

Square

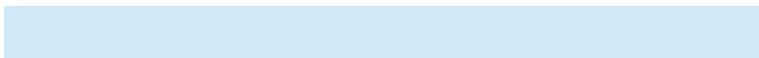
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5100, 0.3385, 0.3434



78.5100, 0.3093, 0.3467



78.5100, 0.2876, 0.3139



78.5100, 0.3158, 0.3122

Rectangle

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



78.5100, 0.3385, 0.3434



78.5100, 0.3265, 0.3521



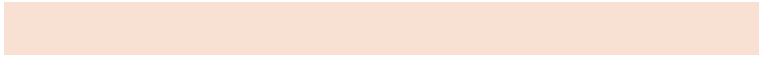
78.5100, 0.2876, 0.3139



78.5100, 0.2988, 0.3067

Sweetspot

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



78.5135, 0.3385, 0.3434



95.3818, 0.3191, 0.3327



72.5226, 0.3238, 0.3053



20.2337, 0.3203, 0.3334



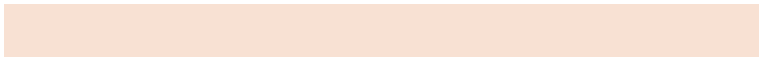
0.0000, 0.0000, 0.0000



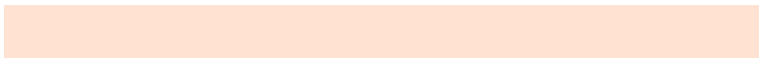
21.4041, 0.3127, 0.3290

Same Dimension

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



78.5135, 0.3385, 0.3434



80.5173, 0.3447, 0.3466



88.7842, 0.3358, 0.3613



18.3016, 0.3284, 0.3380



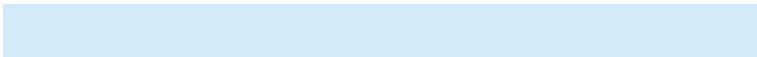
15.3395, 0.5759, 0.3809



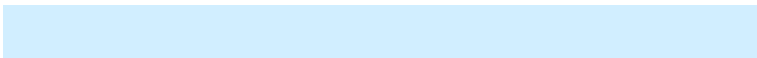
1.6176, 0.5536, 0.3986

Inverse Universe

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



79.4711, 0.2895, 0.3142



81.7235, 0.2846, 0.3107



69.7212, 0.2888, 0.2945



18.4403, 0.2980, 0.3198



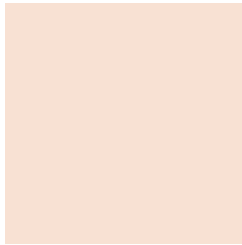
16.4510, 0.1889, 0.1998



1.7278, 0.1936, 0.2169

Previews

White Background



This preview shows how the Yxy color 78.5100, 0.3385, 0.3434 looks on a white background.

Color Contrast Check

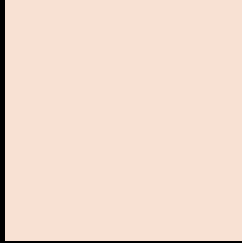
Large Text (above 18pt) WCAG AA × Fail

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 78.5100, 0.3385, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

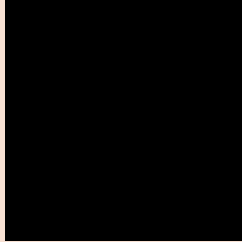
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

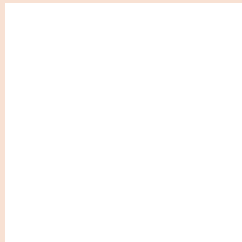
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5100, 0.3385, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 78.5100, 0.3385, 0.3434.

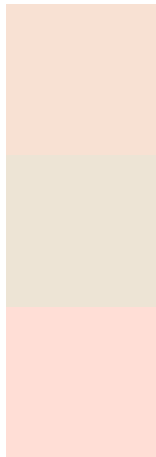


This preview shows how white text looks on a background with the Yxy color 78.5100, 0.3385, 0.3434.

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

78.5100, 0.3385, 0.3434

Protanopia

78.2954, 0.3288, 0.3448

Deuteranopia

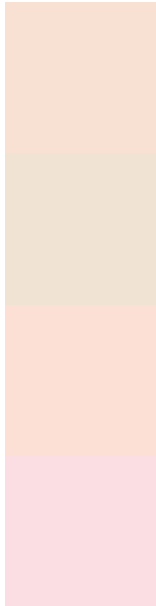
78.3576, 0.3421, 0.3372



Tritanopia

78.5814, 0.3234, 0.3121

Trichromacy



Original Color

78.5100, 0.3385, 0.3434

Protanomaly

78.3924, 0.3325, 0.3447

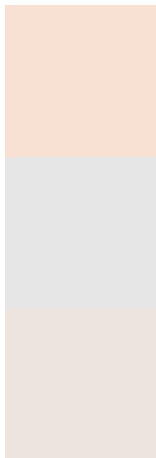
Deuteranomaly

78.2749, 0.3404, 0.3392

Tritanomaly

78.3532, 0.3294, 0.3230

Monochromacy



Original Color

78.5100, 0.3385, 0.3434

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.8190, 0.3222, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5100, 0.3385, 0.3434 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(248, 225, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 225, 211)  
}
```

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(248, 225, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 211) }
```

Border

The CSS property to change the border of an element to Yxy 78.5100, 0.3385, 0.3434 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(248, 225, 211) }
```

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

```
.border{ border-color:rgb(248, 225, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 225, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 225, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 225, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 225,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5100, 0.3385, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 225, 211) }
```

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

```
.background{ background-color: rgb(248,  
225, 211) }
```

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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