

Converting Colors

$Y_{xy}(78.3769, 0.3345, 0.3410)$

Have a look what the booklet for
Yxy(78.3769, 0.3345, 0.3410)
contains.

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Color

Yxy(78.1179, 0.3343, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	F5E1D6
RGB	245, 225, 214
RGB Percent	96%, 88%, 84%
CMY	0.0392, 0.1176, 0.1608
CMYK	0.00, 0.08, 0.13, 0.04
HSL	21°, 61%, 90%
HSV	21°, 13%, 96%
XYZ	76.7180, 78.1179, 74.6526
YIQ	229.7260, 15.4510, 0.8190

Conversions

Conversions Part 2

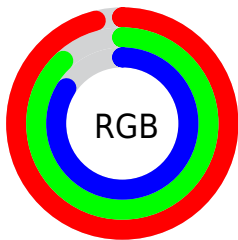
Format	Color
R _Y B	245, 231, 214
Decimal	16114134
CIE Lab	90.83, 5.05, 7.84
CIE LCh	91, 9.325, 57.215
Yxy	78.1179, 0.3343, 0.3404
Android (android.graphics.Color)	4294304214 (0xFF5E1D6)
YUV	229.7260, -7.7529, 13.3953
Hunter-Lab	88.3843, 0.2663, 11.7905

Details

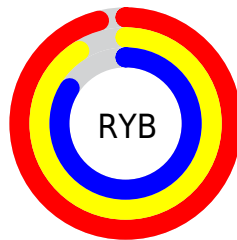
The Yxy color **78.1179, 0.3343, 0.3404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.7294, 0.2931, 0.3173**, and the grayscale version is **78.9692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0715, 0.3400, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **68.8103, 0.3548, 0.3500**, and if you desaturate by 10%, it is **88.4113, 0.3169, 0.3313**.

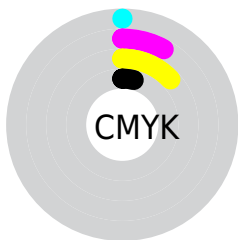
Distribution



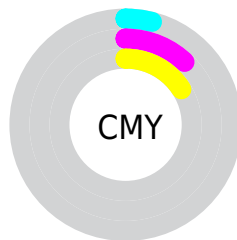
- Red (96%)
- Green (88%)
- Blue (84%)



- Red (96%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1179, 0.3343, 0.3404 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 78.1179, 0.3343, 0.3404 by changing the saturation by 10% instead.


 78.1179, 0.3343,
0.3404

 78.1179, 0.3343,
0.3404


488.5671, 0.3244,
0.3353

 58.1708, 0.3365,
0.3415


130.7163, 0.3309,
0.3386

 41.9460, 0.3393,
0.3429


164.1364, 0.3295,
0.3380

 29.0590, 0.3428,
0.3447


202.8164, 0.3284,
0.3374

 19.1255, 0.3474,
0.3469

247.1405, 0.3274,
0.3368

 11.7610, 0.3535,
0.3499

297.4933, 0.3265,
0.3364

 6.5811, 0.3623,
0.3540

354.2591, 0.3257,

 3.2016, 0.3759,

0.3360

0.3600

417.8222, 0.3250,
0.3356

■ 1.2378, 0.4013,
0.3714

■ 0.0923, 0.6957,
0.3043

■ 78.1179, 0.3343,
0.3404

■ 78.1179, 0.3343,
0.3404

■ 68.8103, 0.3548,
0.3500

■ 88.4113, 0.3169,
0.3313

■ 60.4484, 0.3787,
0.3599

■ 98.1520, 0.3066,
0.3290

■ 53.0044, 0.4062,
0.3695

■ 46.4451, 0.4373,
0.3782

■ 40.7352, 0.4710,
0.3849

■ 35.8369, 0.5058,
0.3883

■ 31.7087, 0.5391,
0.3872

■ 28.3044, 0.5678,
0.3809

■ 26.2272, 0.5850,
0.3737

Harmonies

Analogous

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



78.1179, 0.3323, 0.3314



78.1179, 0.3343, 0.3404



78.1179, 0.3304, 0.3466

Triad

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



78.1179, 0.3343, 0.3404



78.1179, 0.3005, 0.3362



78.1179, 0.3035, 0.3106

Complementary

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



78.1179, 0.3343, 0.3404



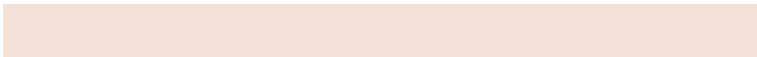
79.7294, 0.2931, 0.3173

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.



78.1179, 0.2952, 0.3115



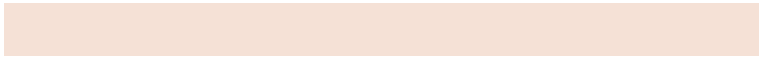
78.1179, 0.3343, 0.3404



78.1179, 0.2935, 0.3261

Square

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



78.1179, 0.3343, 0.3404



78.1179, 0.3108, 0.3443



78.1179, 0.2916, 0.3171



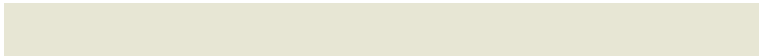
78.1179, 0.3143, 0.3144

Rectangle

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



78.1179, 0.3343, 0.3404



78.1179, 0.3250, 0.3482



78.1179, 0.2916, 0.3171



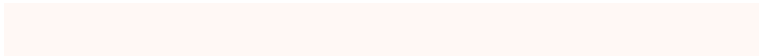
78.1179, 0.3003, 0.3103

Sweetspot

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



78.1214, 0.3343, 0.3404



95.2348, 0.3191, 0.3325



73.4547, 0.3216, 0.3085



20.1966, 0.3203, 0.3332



0.0000, 0.0000, 0.0000



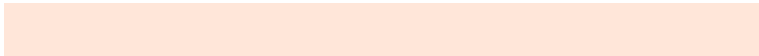
21.4041, 0.3127, 0.3290

Same Dimension

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



78.1214, 0.3343, 0.3404



83.0351, 0.3389, 0.3427



86.7924, 0.3323, 0.3558



17.4452, 0.3285, 0.3375



14.3657, 0.5821, 0.3760



1.4491, 0.5582, 0.3950

Inverse Universe

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



79.7294, 0.2931, 0.3173



85.0920, 0.2893, 0.3150



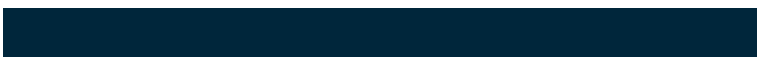
71.3695, 0.2927, 0.3007



17.7099, 0.2980, 0.3204



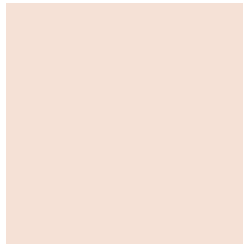
16.9972, 0.1912, 0.2083



1.6872, 0.1959, 0.2252

Previews

White Background



This preview shows how the Yxy color 78.1179, 0.3343, 0.3404 looks on a white background.

Color Contrast Check

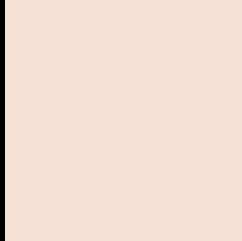
Large Text (above 18pt) WCAG AA × Fail

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 78.1179, 0.3343, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

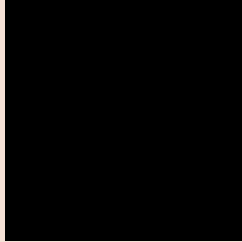
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

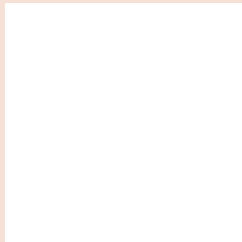
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1179, 0.3343, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 78.1179, 0.3343, 0.3404.

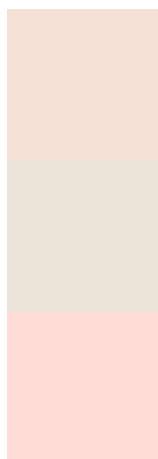


This preview shows how white text looks on a background with the Yxy color 78.1179, 0.3343, 0.3404.

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

78.1179, 0.3343, 0.3404

Protanopia

78.2775, 0.3261, 0.3416

Deuteranopia

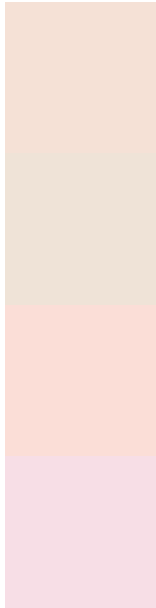
77.8792, 0.3415, 0.3351



Tritanopia

77.9014, 0.3199, 0.3110

Trichromacy



Original Color

78.1179, 0.3343, 0.3404

Protanomaly

78.1952, 0.3290, 0.3416

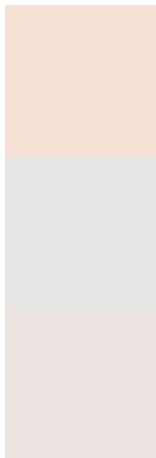
Deuteranomaly

77.6581, 0.3384, 0.3362

Tritanomaly

77.7299, 0.3252, 0.3209

Monochromacy



Original Color

78.1179, 0.3343, 0.3404

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.5308, 0.3202, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1179, 0.3343, 0.3404 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(245, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 214)  
}
```

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(245, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 214) }
```

Border

The CSS property to change the border of an element to Yxy 78.1179, 0.3343, 0.3404 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(245, 225, 214) }
```

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

```
.border{ border-color:rgb(245, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1179, 0.3343, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 214) }
```

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

```
.background{ background-color: rgb(245,  
225, 214) }
```

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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