

Converting Colors

$Y_{xy}(78.1246, 0.3348, 0.3416)$

Have a look what the booklet for
Yxy(78.1246, 0.3348, 0.3416)
contains.

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Color

Yxy(78.0670, 0.3350, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	F5E1D5
RGB	245, 225, 213
RGB Percent	96%, 88%, 84%
CMY	0.0391, 0.1177, 0.1646
CMYK	0.00, 0.08, 0.13, 0.04
HSL	22°, 62%, 90%
HSV	22°, 13%, 96%
XYZ	76.6035, 78.0670, 73.9967
YIQ	229.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

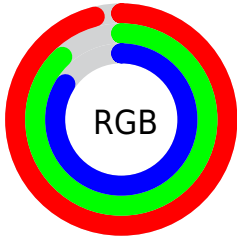
Format	Color
R _Y B	245, 232, 213
Decimal	16114133
CIE Lab	90.81, 4.92, 8.32
CIE LCh	91, 9.662, 59.407
Yxy	78.0670, 0.3350, 0.3414
Android (android.graphics.Color)	4294304213 (0xFFFF5E1D5)
YUV	229.6120, -8.1897, 13.4953
Hunter-Lab	88.3555, 0.1359, 12.1942

Details

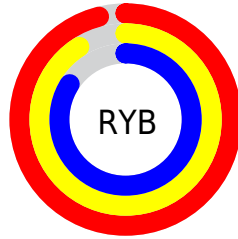
The Yxy color **78.0670, 0.3350, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.0625, 0.2924, 0.3163**, and the grayscale version is **78.8880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0369, 0.3409, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **68.9920, 0.3554, 0.3515**, and if you desaturate by 10%, it is **88.0824, 0.3175, 0.3318**.

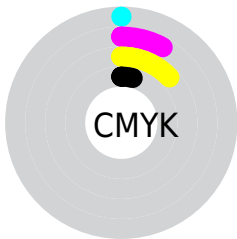
Distribution



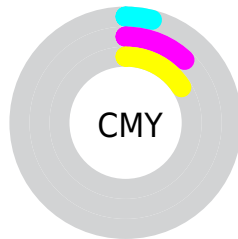
- Red (96%)
- Green (88%)
- Blue (84%)



- 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 78.0670, 0.3350, 0.3414 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 78.0670, 0.3350, 0.3414 by changing the saturation by 10% instead.


 78.0670, 0.3350,
0.3414

 78.0670, 0.3350,
0.3414


488.3943, 0.3248,
0.3358

 58.1290, 0.3373,
0.3426


130.6446, 0.3315,
0.3395

 41.9124, 0.3402,
0.3442


164.0529, 0.3301,
0.3387

 29.0327, 0.3438,
0.3461


202.7202, 0.3289,
0.3381

 19.1056, 0.3485,
0.3485

247.0308, 0.3279,
0.3375

 11.7466, 0.3548,
0.3517

297.3692, 0.3269,
0.3370

 6.5714, 0.3639,
0.3562

354.1196, 0.3261,

 3.1955, 0.3779,

0.3366

0.3628

417.6665, 0.3254,
0.3362

■ 1.2346, 0.4047,
0.3757

■ 0.0897, 0.6959,
0.3041

■ 78.0670, 0.3350,
0.3414

■ 78.0670, 0.3350,
0.3414

■ 68.9920, 0.3554,
0.3515

■ 88.0824, 0.3175,
0.3318

■ 60.8192, 0.3792,
0.3619

■ 98.1593, 0.3066,
0.3290

■ 53.5226, 0.4065,
0.3720

■ 47.0710, 0.4370,
0.3811

■ 41.4315, 0.4700,
0.3882

■ 36.5681, 0.5039,
0.3918

■ 32.4422, 0.5362,
0.3908

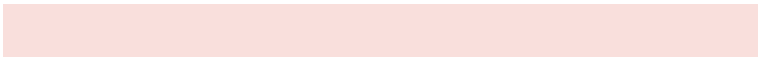
■ 29.0099, 0.5639,
0.3845

■ 27.0044, 0.5799,
0.3777

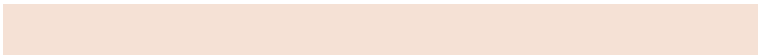
Harmonies

Analogous

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



78.0670, 0.3334, 0.3322



78.0670, 0.3350, 0.3414



78.0670, 0.3305, 0.3475

Triad

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



78.0670, 0.3350, 0.3414



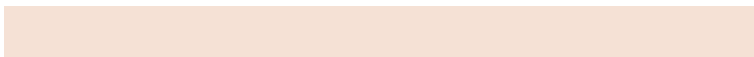
78.0670, 0.2994, 0.3357



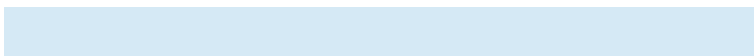
78.0670, 0.3039, 0.3101

Complementary

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



78.0670, 0.3350, 0.3414



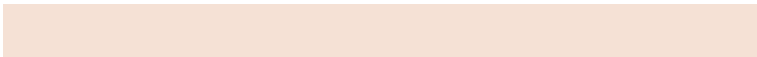
79.0625, 0.2924, 0.3163

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.



78.0670, 0.2951, 0.3106



78.0670, 0.3350, 0.3414



78.0670, 0.2925, 0.3253

Square

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



78.0670, 0.3350, 0.3414



78.0670, 0.3099, 0.3444



78.0670, 0.2909, 0.3161



78.0670, 0.3153, 0.3143

Rectangle

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



78.0670, 0.3350, 0.3414



78.0670, 0.3248, 0.3489



78.0670, 0.2909, 0.3161



78.0670, 0.3005, 0.3097

Sweetspot

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



78.0705, 0.3350, 0.3414



95.3527, 0.3191, 0.3327



72.9203, 0.3223, 0.3083



20.2264, 0.3203, 0.3334



0.0000, 0.0000, 0.0000



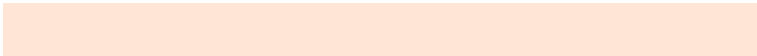
21.4041, 0.3127, 0.3290

Same Dimension

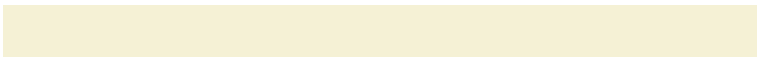
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0705, 0.3350, 0.3414



82.4142, 0.3407, 0.3444



86.9989, 0.3329, 0.3572



17.4973, 0.3284, 0.3379



14.7866, 0.5770, 0.3800



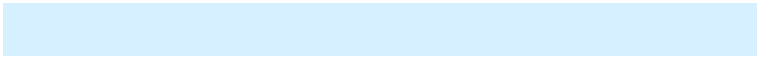
1.4901, 0.5535, 0.3987

Inverse Universe

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



79.0625, 0.2924, 0.3163



83.7183, 0.2877, 0.3131



70.5213, 0.2919, 0.2991



17.6559, 0.2980, 0.3199



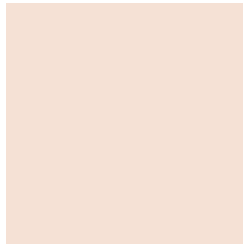
16.1727, 0.1893, 0.2016



1.6183, 0.1943, 0.2193

Previews

White Background



This preview shows how the Yxy color 78.0670, 0.3350, 0.3414 looks on a white background.

Color Contrast Check

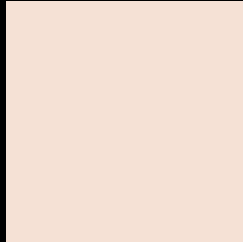
Large Text (above 18pt) WCAG AA × Fail

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 78.0670, 0.3350, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

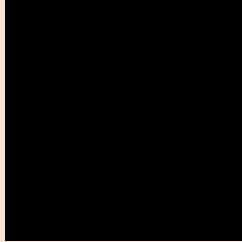
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.0670, 0.3350, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 78.0670, 0.3350, 0.3414.

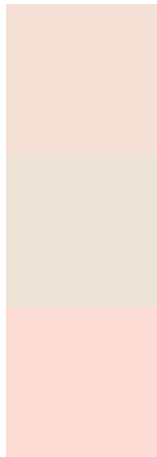


This preview shows how white text looks on a background with the Yxy color 78.0670, 0.3350, 0.3414.

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

78.0670, 0.3350, 0.3414

Protanopia

78.2260, 0.3268, 0.3427

Deuteranopia

77.8792, 0.3415, 0.3351



Tritanopia

77.9014, 0.3199, 0.3110

Trichromacy



Original Color

78.0670, 0.3350, 0.3414

Protanomaly

78.1439, 0.3297, 0.3426

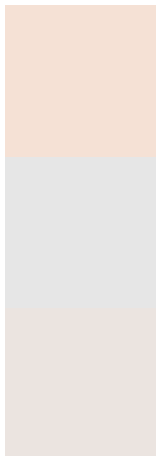
Deuteranomaly

77.6068, 0.3391, 0.3372

Tritanomaly

77.7299, 0.3252, 0.3209

Monochromacy



Original Color

78.0670, 0.3350, 0.3414

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 78.0670, 0.3350, 0.3414 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 213) }
```

Border

The CSS property to change the border of an element to Yxy 78.0670, 0.3350, 0.3414 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, 213) }
```

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

```
.border{ border-color:rgb(245, 225, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0670, 0.3350, 0.3414 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, 213) }
```

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

```
.background{ background-color: rgb(245,  
225, 213) }
```

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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