

Converting Colors

$Yxy(84.3372, 0.3348, 0.3535)$

Have a look what the booklet for
Yxy(84.3372, 0.3348, 0.3535)
contains.

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Color

Yxy(84.3372, 0.3348, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	F6ECD4
RGB	246, 236, 212
RGB Percent	96%, 93%, 83%
CMY	0.0355, 0.0744, 0.1686
CMYK	0.00, 0.04, 0.14, 0.04
HSL	42°, 65%, 90%
HSV	42°, 14%, 96%
XYZ	79.8758, 84.3372, 74.3647
YIQ	236.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

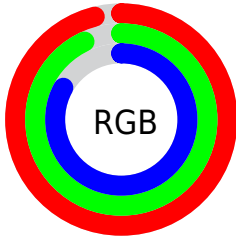
Format	Color
R _Y B	226, 246, 212
Decimal	16182484
CIE Lab	93.60, -0.56, 12.83
CIE LCh	94, 12.843, 92.494
Yxy	84.3372, 0.3348, 0.3535
Android (android.graphics.Color)	4294372564 (0xFFF6ECD4)
YUV	236.2540, -11.9572, 8.5472
Hunter-Lab	91.8353, -5.4574, 16.2740

Details

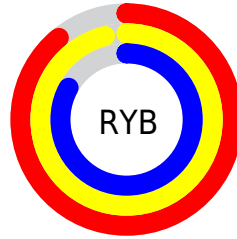
The Yxy color $84.3372, 0.3348, 0.3535$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $72.8702, 0.2909, 0.3032$, and the grayscale version is $84.1701, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.0240, 0.3406, 0.3591$ is the 20% darker color. If you saturate the color by 10%, you get $79.1271, 0.3525, 0.3721$, and if you desaturate by 10%, it is $89.9112, 0.3185, 0.3356$.

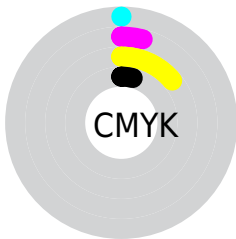
Distribution



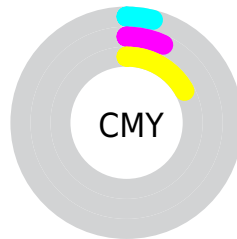
- Red (96%)
- Green (93%)
- Blue (83%)



- Red (89%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3372, 0.3348, 0.3535 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 84.3372, 0.3348, 0.3535 by changing the saturation by 10% instead.

84.3372, 0.3348,
0.3535

84.3372, 0.3348,
0.3535

509.4323, 0.3249,
0.3424

63.2939, 0.3370,
0.3560

139.4468, 0.3314,
0.3497

46.0790, 0.3397,
0.3590

174.2818, 0.3301,
0.3482

32.3082, 0.3431,
0.3627

214.4829, 0.3289,
0.3469

21.5970, 0.3474,
0.3675

260.4343, 0.3279,
0.3458

13.5611, 0.3531,
0.3740

312.5206, 0.3270,
0.3448

7.8160, 0.3611,
0.3829

371.1261, 0.3262,

3.9775, 0.3728,

0.3439

0.3962

436.6352, 0.3255,
0.3432

■ 1.6610, 0.3934,
0.4193

■ 0.3982, 0.4781,
0.5219

■ 84.3372, 0.3348,
0.3535

■ 84.3372, 0.3348,
0.3535

■ 79.1271, 0.3525,
0.3721

■ 89.9112, 0.3185,
0.3356

■ 74.2592, 0.3715,
0.3907

■ 95.4416, 0.3073,
0.3246

■ 69.7261, 0.3914,
0.4088

■ 98.3256, 0.3072,
0.3290

■ 65.5157, 0.4115,
0.4254

■ 61.6152, 0.4311,
0.4394

■ 58.0098, 0.4492,
0.4496

■ 54.6832, 0.4649,
0.4552

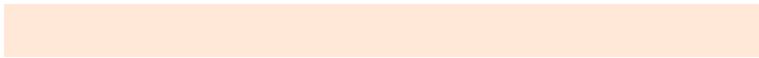
■ 51.6156, 0.4774,
0.4557

■ 49.8271, 0.4839,
0.4540

Harmonies

Analogous

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



84.3372, 0.3414, 0.3460



84.3372, 0.3348, 0.3535



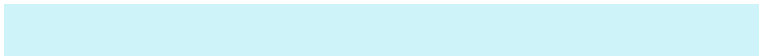
84.3372, 0.3223, 0.3544

Triad

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



84.3372, 0.3348, 0.3535



84.3372, 0.2861, 0.3227



84.3372, 0.3175, 0.3110

Complementary

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



84.3372, 0.3348, 0.3535



72.8702, 0.2909, 0.3032

Split Complementary

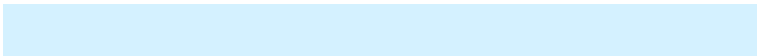
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3372, 0.3027, 0.3049



84.3372, 0.3348, 0.3535



84.3372, 0.2848, 0.3112

Square

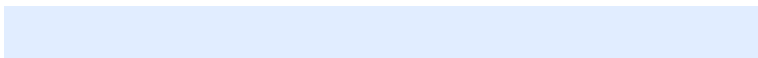
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3372, 0.3348, 0.3535



84.3372, 0.2943, 0.3363



84.3372, 0.2908, 0.3049



84.3372, 0.3313, 0.3216

Rectangle

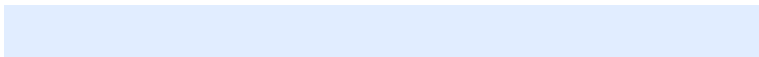
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3372, 0.3348, 0.3535



84.3372, 0.3124, 0.3509



84.3372, 0.2908, 0.3049



84.3372, 0.3125, 0.3084

Sweetspot

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



84.3409, 0.3348, 0.3535



97.4690, 0.3188, 0.3359



71.9645, 0.3309, 0.3186



20.7620, 0.3200, 0.3373



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.



84.3409, 0.3348, 0.3535



89.6807, 0.3404, 0.3595



89.0219, 0.3288, 0.3637



18.4458, 0.3276, 0.3457



26.8599, 0.4826, 0.4550



2.5379, 0.4728, 0.4628

Inverse Universe

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



72.8702, 0.2909, 0.3032



74.6630, 0.2854, 0.2966



68.7753, 0.2952, 0.2928



16.7175, 0.2980, 0.3118



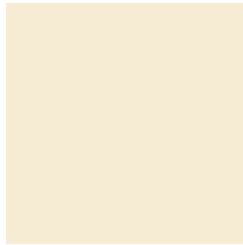
6.2387, 0.1606, 0.0980



0.7186, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 84.3372, 0.3348, 0.3535 looks on a white background.

Color Contrast Check

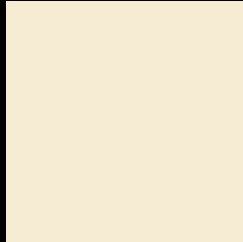
Large Text (above 18pt) WCAG AA × Fail

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 84.3372, 0.3348, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

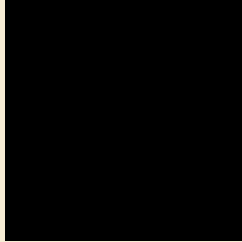
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.3372, 0.3348, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 84.3372, 0.3348, 0.3535.

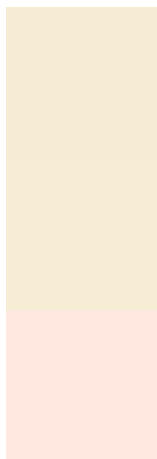


This preview shows how white text looks on a background with the Yxy color 84.3372, 0.3348, 0.3535.

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

84.3372, 0.3348, 0.3535

Protanopia

84.5185, 0.3355, 0.3534

Deuteranopia

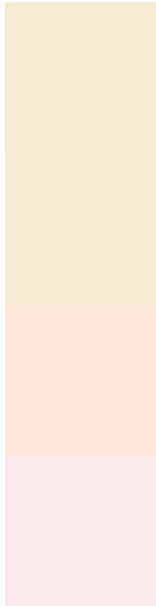
84.3550, 0.3338, 0.3370



Tritanopia

84.5006, 0.3149, 0.3114

Trichromacy



Original Color

84.3372, 0.3348, 0.3535

Protanomaly

84.5185, 0.3355, 0.3534

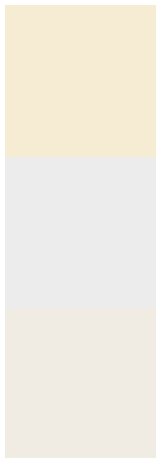
Deuteranomaly

84.1406, 0.3342, 0.3421

Tritanomaly

84.4737, 0.3217, 0.3260

Monochromacy



Original Color

84.3372, 0.3348, 0.3535

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.0622, 0.3210, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3372, 0.3348, 0.3535 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(246, 236, 212)` looks like.

```
.text, #text, p{  
    color:rgb(246, 236, 212)  
}
```

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(246, 236, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 236, 212) }
```

Border

The CSS property to change the border of an element to Yxy 84.3372, 0.3348, 0.3535 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(246, 236, 212) }
```

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

```
.border{ border-color:rgb(246, 236, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 236, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 236, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 236, 212);  
box-shadow:4px 4px 4px 4px rgb(246, 236,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3372, 0.3348, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 236, 212) }
```

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

```
.background{ background-color: rgb(246,  
236, 212) }
```

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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