

Converting Colors

Yxy(84.1460, 0.3312, 0.3565)

Have a look what the booklet for
Yxy(84.1460, 0.3312, 0.3565)
contains.

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Color

Yxy(84.3775, 0.3310, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	F0EED3
RGB	240, 238, 211
RGB Percent	94%, 93%, 83%
CMY	0.0590, 0.0666, 0.1726
CMYK	0.00, 0.01, 0.12, 0.06
HSL	56°, 49%, 88%
HSV	56°, 12%, 94%
XYZ	78.2543, 84.3775, 73.7860
YIQ	235.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

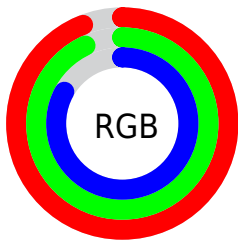
Format	Color
R _Y B	213, 240, 211
Decimal	15789779
CIE Lab	93.61, -3.85, 13.32
CIE LCh	94, 13.864, 106.119
Yxy	84.3775, 0.3310, 0.3569
Android (android.graphics.Color)	4293979859 (0xFFFF0EED3)
YUV	235.5200, -12.0884, 3.9290
Hunter-Lab	91.8572, -8.6838, 16.6743

Details

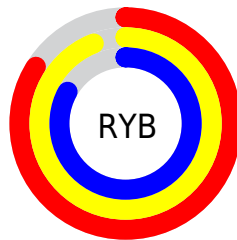
The Yxy color **84.3775, 0.3310, 0.3569** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.6872, 0.2936, 0.2995**, and the grayscale version is **83.5802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0465, 0.3356, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **82.3393, 0.3468, 0.3807**, and if you desaturate by 10%, it is **86.6110, 0.3158, 0.3337**.

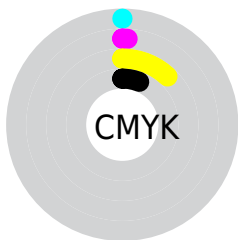
Distribution



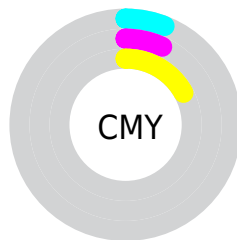
- Red (94%)
- Green (93%)
- Blue (83%)



- Red (84%)
- Yellow (94%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3775, 0.3310, 0.3569 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 84.3775, 0.3310, 0.3569 by changing the saturation by 10% instead.

84.3775, 0.3310,
0.3569

84.3775, 0.3310,
0.3569

509.5660, 0.3228,
0.3442

63.3272, 0.3328,
0.3597

139.5031, 0.3282,
0.3525

46.1059, 0.3350,
0.3632

174.3472, 0.3271,
0.3508

32.3294, 0.3377,
0.3676

214.5579, 0.3262,
0.3494

21.6132, 0.3412,
0.3732

260.5198, 0.3253,
0.3481

13.5730, 0.3459,
0.3807

312.6171, 0.3246,
0.3469

7.8243, 0.3522,
0.3913

371.2343, 0.3239,

3.9827, 0.3615,

0.3459

0.4072

436.7558, 0.3233,
0.3450

■ 1.6639, 0.3780,
0.4360

■ 0.4001, 0.4171,
0.5829

■ 84.3775, 0.3310,
0.3569

■ 84.3775, 0.3310,
0.3569

■ 82.3393, 0.3468,
0.3807

■ 86.6110, 0.3158,
0.3337

■ 80.4774, 0.3627,
0.4043

■ 88.7768, 0.3037,
0.3154

■ 78.7869, 0.3782,
0.4270

■ 89.7285, 0.3037,
0.3170

■ 77.2585, 0.3926,
0.4476

■ 90.6885, 0.3036,
0.3186

75.8820, 0.4055,
0.4654

91.6569, 0.3036,
0.3201

74.6461, 0.4160,
0.4793

92.6336, 0.3036,
0.3217

73.5375, 0.4240,
0.4888

93.6188, 0.3036,
0.3233

72.5404, 0.4291,
0.4939

94.6123, 0.3036,
0.3249

71.8092, 0.4317,
0.4955

95.6143, 0.3035,
0.3264

Harmonies

Analogous

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



84.3775, 0.3414, 0.3517



84.3775, 0.3310, 0.3569



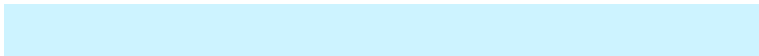
84.3775, 0.3158, 0.3543

Triad

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



84.3775, 0.3310, 0.3569



84.3775, 0.2824, 0.3160



84.3775, 0.3250, 0.3143

Complementary

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



84.3775, 0.3310, 0.3569



67.6872, 0.2936, 0.2995

Split Complementary

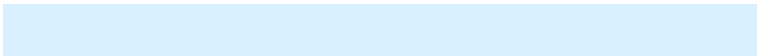
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3775, 0.3090, 0.3053



84.3775, 0.3310, 0.3569



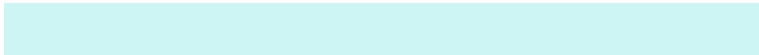
84.3775, 0.2847, 0.3059

Square

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



84.3775, 0.3310, 0.3569



84.3775, 0.2880, 0.3301



84.3775, 0.2943, 0.3022



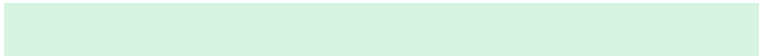
84.3775, 0.3380, 0.3271

Rectangle

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



84.3775, 0.3310, 0.3569



84.3775, 0.3052, 0.3484



84.3775, 0.2943, 0.3022



84.3775, 0.3198, 0.3108

Sweetspot

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



84.3812, 0.3310, 0.3569



98.9276, 0.3187, 0.3381



69.9033, 0.3331, 0.3270



21.1323, 0.3198, 0.3399



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.



84.3812, 0.3310, 0.3569



96.4022, 0.3341, 0.3616



83.3906, 0.3222, 0.3596



18.2681, 0.3270, 0.3508



39.4063, 0.4315, 0.4956



3.3321, 0.4297, 0.4970

Inverse Universe

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



67.6872, 0.2936, 0.2995



74.3985, 0.2902, 0.2942



68.6490, 0.3023, 0.2982



15.3977, 0.2979, 0.3062



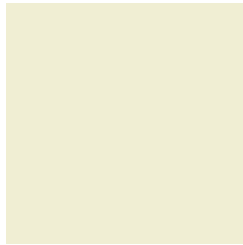
3.7125, 0.1512, 0.0642



0.3676, 0.1541, 0.0749

Previews

White Background



This preview shows how the Yxy color 84.3775, 0.3310, 0.3569 looks on a white background.

Color Contrast Check

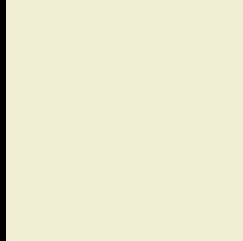
Large Text (above 18pt) WCAG AA × Fail

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 84.3775, 0.3310, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

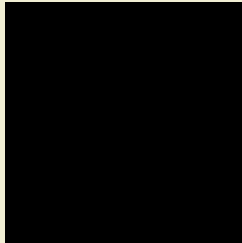
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

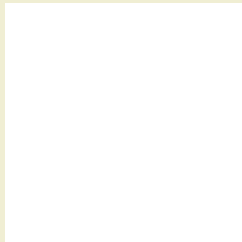
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3775, 0.3310, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 84.3775, 0.3310, 0.3569.

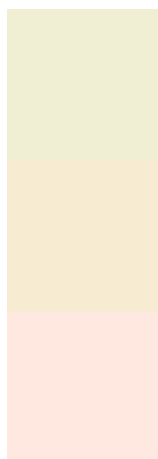


This preview shows how white text looks on a background with the Yxy color 84.3775, 0.3310, 0.3569.

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

84.3775, 0.3310, 0.3569

Protanopia

84.4182, 0.3368, 0.3555

Deuteranopia

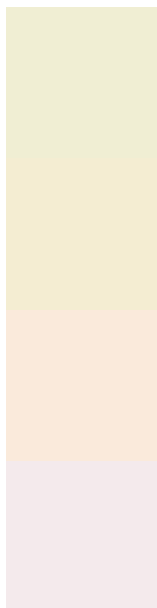
84.3550, 0.3338, 0.3370



Tritanopia

84.2711, 0.3102, 0.3102

Trichromacy



Original Color

84.3775, 0.3310, 0.3569

Protanomaly

84.4546, 0.3346, 0.3567

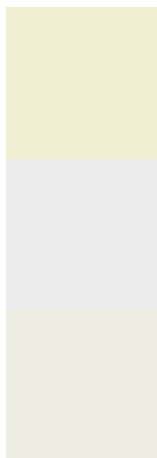
Deuteranomaly

84.2841, 0.3333, 0.3442

Tritanomaly

84.1349, 0.3182, 0.3270

Monochromacy



Original Color

84.3775, 0.3310, 0.3569

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.1189, 0.3189, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3775, 0.3310, 0.3569 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(240, 238, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 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(240, 238, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 211) }
```

Border

The CSS property to change the border of an element to Yxy 84.3775, 0.3310, 0.3569 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(240, 238, 211) }
```

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

```
.border{ border-color:rgb(240, 238, 211) }
```

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

Here you see how a box with a 4 pixel rgb(240, 238, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3775, 0.3310, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 211) }
```

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

```
.background{ background-color: rgb(240,  
238, 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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