

Converting Colors

$Yxy(84.3779, 0.3367, 0.3471)$

Have a look what the booklet for
Yxy(84.3779, 0.3367, 0.3471)
contains.

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Color

Yxy(84.4990, 0.3367, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	FCEAD8
RGB	252, 234, 216
RGB Percent	99%, 92%, 85%
CMY	0.0117, 0.0823, 0.1528
CMYK	0.00, 0.07, 0.14, 0.01
HSL	30°, 86%, 92%
HSV	30°, 14%, 99%
XYZ	81.9672, 84.4990, 76.9766
YIQ	237.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

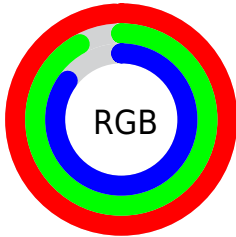
Format	Color
R _Y B	252, 252, 216
Decimal	16575192
CIE Lab	93.67, 3.22, 10.91
CIE LCh	94, 11.378, 73.551
Yxy	84.4990, 0.3367, 0.3471
Android (android.graphics.Color)	4294765272 (0xFFFC ^E AD8)
YUV	237.3300, -10.5157, 12.8656
Hunter-Lab	91.9233, -1.6990, 14.6969

Details

The Yxy color **84.4990, 0.3367, 0.3471** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.5000, 0.2903, 0.3102**, and the grayscale version is **85.0331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0161, 0.3421, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **76.3691, 0.3564, 0.3605**, and if you desaturate by 10%, it is **93.3476, 0.3194, 0.3343**.

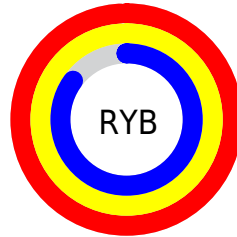
Distribution



Red (99%)

Green (92%)

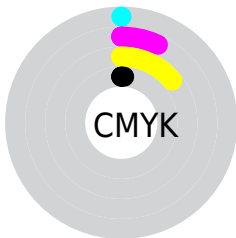
Blue (85%)



Red (99%)

Yellow (99%)

Blue (85%)

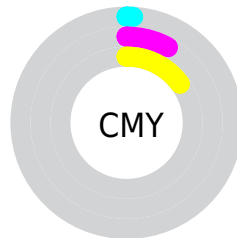


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (1%)



Cyan (1%)


Magenta (8%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.4990, 0.3367, 0.3471 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 84.4990, 0.3367, 0.3471 by changing the saturation by 10% instead.


 84.4990, 0.3367,
0.3471

 84.4990, 0.3367,
0.3471


509.9688, 0.3259,
0.3390

 63.4275, 0.3391,
0.3489

139.6730, 0.3330,
0.3443

 46.1871, 0.3421,
0.3511


174.5443, 0.3315,
0.3433

 32.3935, 0.3458,
0.3537


214.7843, 0.3303,
0.3423

 21.6623, 0.3505,
0.3572

260.7774, 0.3292,
0.3415

 13.6089, 0.3569,
0.3617

312.9080, 0.3282,
0.3408

 7.8492, 0.3658,
0.3680

371.5605, 0.3273,

 3.9986, 0.3791,

0.3401

0.3771

437.1193, 0.3266,
0.3395

■ 1.6728, 0.4012,
0.3917

■ 0.4059, 0.5336,
0.4664

■ 84.4990, 0.3367,
0.3471

■ 84.4990, 0.3367,
0.3471

■ 76.3691, 0.3564,
0.3605

■ 93.3476, 0.3194,
0.3343

■ 68.9270, 0.3786,
0.3742

■ 99.4367, 0.3109,
0.3290

■ 62.1558, 0.4033,
0.3875

■ 56.0336, 0.4299,
0.3995

■ 50.5369, 0.4577,
0.4091

■ 45.6402, 0.4853,
0.4149

■ 41.3156, 0.5109,
0.4159

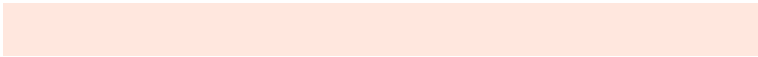
■ 37.5309, 0.5328,
0.4112

■ 35.5864, 0.5437,
0.4065

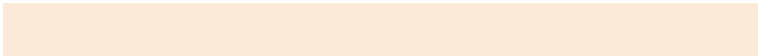
Harmonies

Analogous

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



84.4990, 0.3382, 0.3378



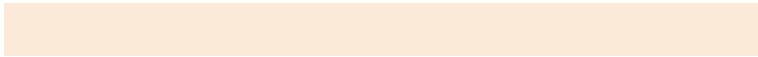
84.4990, 0.3367, 0.3471



84.4990, 0.3287, 0.3517

Triad

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



84.4990, 0.3367, 0.3471



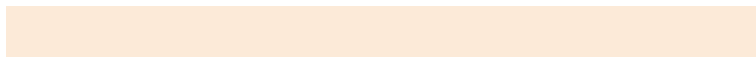
84.4990, 0.2931, 0.3310



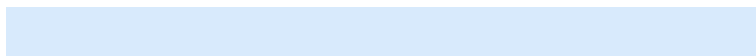
84.4990, 0.3086, 0.3090

Complementary

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



84.4990, 0.3367, 0.3471



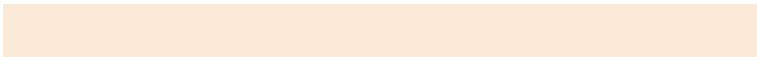
80.5000, 0.2903, 0.3102

Split Complementary

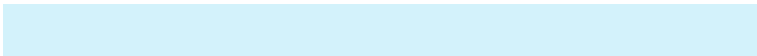
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4990, 0.2967, 0.3069



84.4990, 0.3367, 0.3471



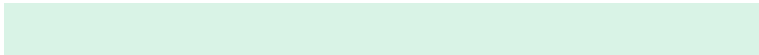
84.4990, 0.2879, 0.3193

Square

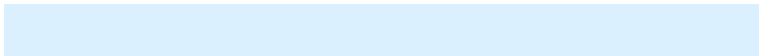
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4990, 0.3367, 0.3471



84.4990, 0.3034, 0.3424



84.4990, 0.2892, 0.3106



84.4990, 0.3218, 0.3161

Rectangle

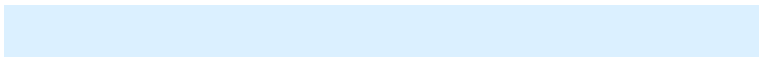
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4990, 0.3367, 0.3471



84.4990, 0.3208, 0.3514



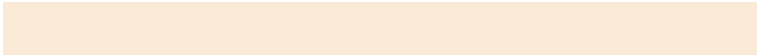
84.4990, 0.2892, 0.3106



84.4990, 0.3043, 0.3077

Sweetspot

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



84.5027, 0.3367, 0.3471



96.1462, 0.3190, 0.3339



75.8015, 0.3262, 0.3104



20.4270, 0.3202, 0.3349



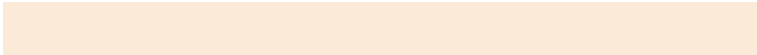
0.0000, 0.0000, 0.0000



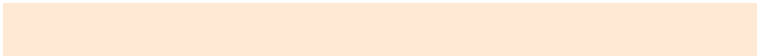
21.4041, 0.3127, 0.3290

Same Dimension

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



84.5027, 0.3367, 0.3471



84.4453, 0.3418, 0.3507



94.9053, 0.3343, 0.3639



18.6577, 0.3281, 0.3409



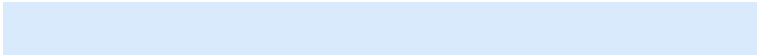
18.8311, 0.5411, 0.4086



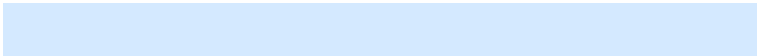
1.9561, 0.5226, 0.4232

Inverse Universe

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



80.5000, 0.2903, 0.3102



79.6396, 0.2859, 0.3063



71.0690, 0.2897, 0.2915



18.0785, 0.2980, 0.3168



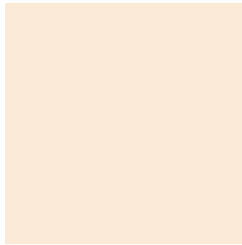
11.7461, 0.1771, 0.1577



1.2999, 0.1831, 0.1792

Previews

White Background



This preview shows how the Yxy color 84.4990, 0.3367, 0.3471 looks on a white background.

Color Contrast Check

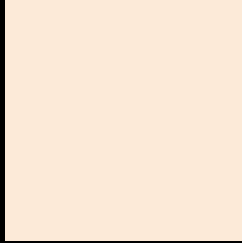
Large Text (above 18pt) WCAG AA × Fail

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 84.4990, 0.3367, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

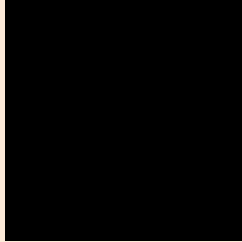
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.4990, 0.3367, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 84.4990, 0.3367, 0.3471.

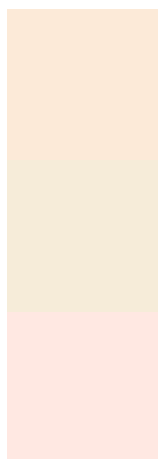


This preview shows how white text looks on a background with the Yxy color 84.4990, 0.3367, 0.3471.

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

84.4990, 0.3367, 0.3471

Protanopia

84.5935, 0.3316, 0.3483

Deuteranopia

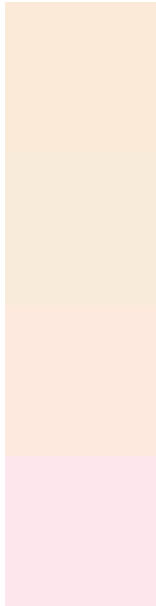
84.4642, 0.3325, 0.3350



Tritanopia

84.5690, 0.3189, 0.3125

Trichromacy



Original Color

84.4990, 0.3367, 0.3471

Protanomaly

84.3829, 0.3331, 0.3473

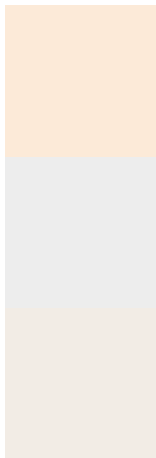
Deuteranomaly

84.6226, 0.3343, 0.3400

Tritanomaly

84.2788, 0.3253, 0.3241

Monochromacy



Original Color

84.4990, 0.3367, 0.3471

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.5253, 0.3211, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4990, 0.3367, 0.3471 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(252, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 216)  
}
```

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(252, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 216) }
```

Border

The CSS property to change the border of an element to Yxy 84.4990, 0.3367, 0.3471 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(252, 234, 216) }
```

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

```
.border{ border-color:rgb(252, 234, 216) }
```

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

Here you see how a box with a 4 pixel rgb(252, 234, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4990, 0.3367, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 216) }
```

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

```
.background{ background-color: rgb(252,  
234, 216) }
```

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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