

Converting Colors

$Y_{xy}(100.0000, 0.3859, 0.3404)$

Have a look what the booklet for
Yxy(100.0000, 0.3859, 0.3404)
contains.

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Color

Yxy(84.0877, 0.3371, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8DB
RGB	255, 232, 219
RGB Percent	100%, 91%, 86%
CMY	0.0000, 0.0902, 0.1411
CMYK	0.00, 0.09, 0.14, 0.00
HSL	22°, 100%, 93%
HSV	22°, 14%, 100%
XYZ	82.8829, 84.0877, 78.8998
YIQ	237.3950, 17.8810, 0.8330

Conversions

Conversions Part 2

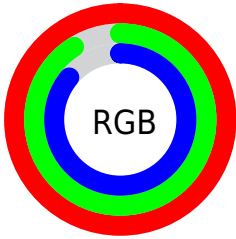
Format	Color
R _Y B	255, 239, 219
Decimal	16771291
CIE Lab	93.49, 5.76, 9.13
CIE LCh	93, 10.796, 57.782
Yxy	84.0877, 0.3371, 0.3420
Android (android.graphics.Color)	4294961371 (0xFFFFE8DB)
YUV	237.3950, -9.0687, 15.4396
Hunter-Lab	91.6993, 0.8643, 13.1753

Details

The Yxy color **84.0877, 0.3371, 0.3420** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.7966, 0.2907, 0.3156**, and the grayscale version is **85.0721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.7368, 0.3427, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **74.0953, 0.3581, 0.3518**, and if you desaturate by 10%, it is **95.1442, 0.3192, 0.3327**.

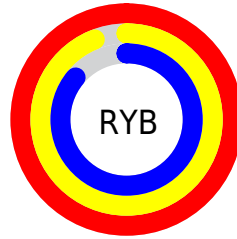
Distribution



Red (100%)

Green (91%)

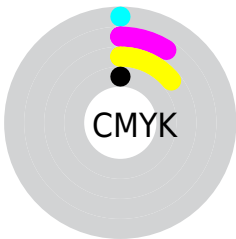
Blue (86%)



Red (100%)

Yellow (94%)

Blue (86%)

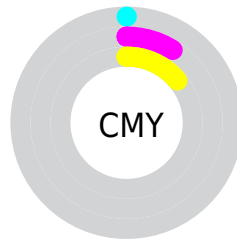


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.0877, 0.3371, 0.3420 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 84.0877, 0.3371, 0.3420 by changing the saturation by 10% instead.


 84.0877, 0.3371,
0.3420

 84.0877, 0.3371,
0.3420

508.6044, 0.3260,
0.3362

 63.0878, 0.3396,
0.3433


139.0978, 0.3333,
0.3400

 45.9123, 0.3426,
0.3448


173.8769, 0.3318,
0.3393

 32.1766, 0.3464,
0.3467


214.0179, 0.3305,
0.3386

 21.4964, 0.3513,
0.3491

259.9051, 0.3294,
0.3380

 13.4874, 0.3578,
0.3522

311.9230, 0.3284,
0.3375

 7.7650, 0.3671,
0.3565

370.4559, 0.3275,

 3.9449, 0.3809,

0.3370

0.3627

435.8882, 0.3268,
0.3366

■ 1.6428, 0.4040,
0.3722

■ 0.3862, 0.5679,
0.4321

■ 84.0877, 0.3371,
0.3420

■ 84.0877, 0.3371,
0.3420

■ 74.0953, 0.3581,
0.3518

■ 95.1442, 0.3192,
0.3327

■ 65.1234, 0.3825,
0.3619

99.9982, 0.3127,
0.3290

■ 57.1416, 0.4105,
0.3716

■ 50.1140, 0.4419,
0.3802

■ 44.0018, 0.4757,
0.3867

■ 38.7638, 0.5103,
0.3896

■ 34.3544, 0.5428,
0.3877

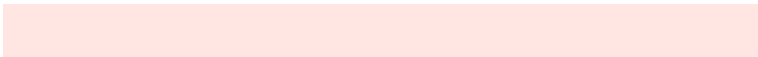
■ 30.7226, 0.5704,
0.3806

■ 28.9153, 0.5838,
0.3746

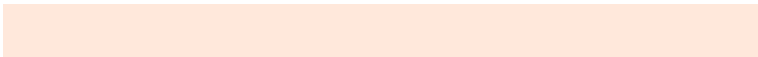
Harmonies

Analogous

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



84.0877, 0.3350, 0.3318



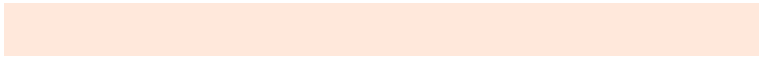
84.0877, 0.3371, 0.3420



84.0877, 0.3326, 0.3490

Triad

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



84.0877, 0.3371, 0.3420



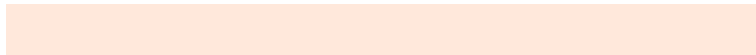
84.0877, 0.2987, 0.3369



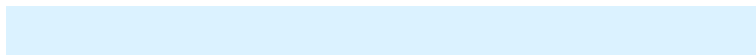
84.0877, 0.3025, 0.3083

Complementary

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



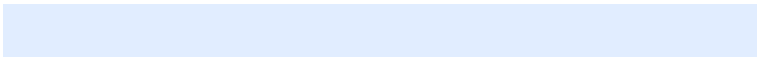
84.0877, 0.3371, 0.3420



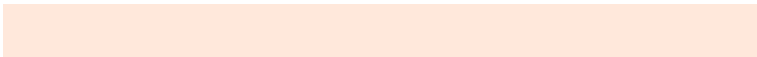
85.7966, 0.2907, 0.3156

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.



84.0877, 0.2931, 0.3092



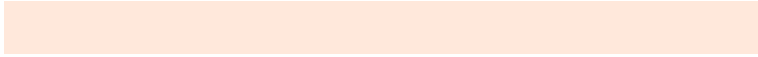
84.0877, 0.3371, 0.3420



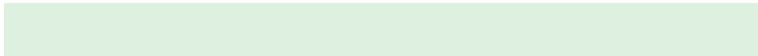
84.0877, 0.2910, 0.3255

Square

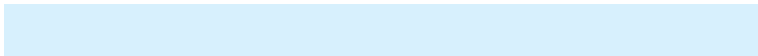
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0877, 0.3371, 0.3420



84.0877, 0.3103, 0.3462



84.0877, 0.2889, 0.3154



84.0877, 0.3148, 0.3127

Rectangle

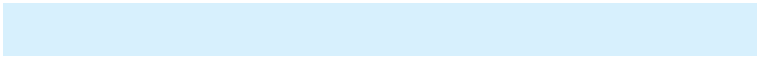
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0877, 0.3371, 0.3420



84.0877, 0.3264, 0.3507



84.0877, 0.2889, 0.3154



84.0877, 0.2989, 0.3080

Sweetspot

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



84.0914, 0.3371, 0.3420



95.2712, 0.3191, 0.3326



78.3722, 0.3227, 0.3060



20.2058, 0.3203, 0.3332



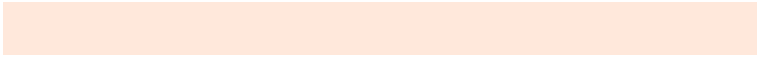
0.0000, 0.0000, 0.0000



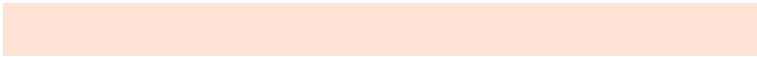
21.4041, 0.3127, 0.3290

Same Dimension

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



84.0914, 0.3371, 0.3420



81.0946, 0.3428, 0.3448



94.4949, 0.3347, 0.3590



19.0599, 0.3285, 0.3376



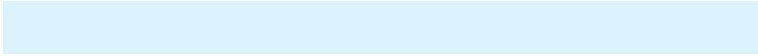
15.3669, 0.5809, 0.3770



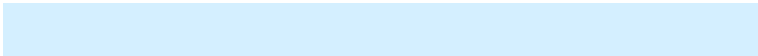
1.6946, 0.5593, 0.3941

Inverse Universe

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



85.7966, 0.2907, 0.3156



83.1071, 0.2862, 0.3126



75.8239, 0.2901, 0.2971



19.3142, 0.2980, 0.3202



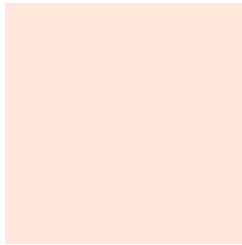
17.7494, 0.1906, 0.2060



1.9356, 0.1949, 0.2216

Previews

White Background



This preview shows how the Yxy color 84.0877, 0.3371, 0.3420 looks on a white background.

Color Contrast Check

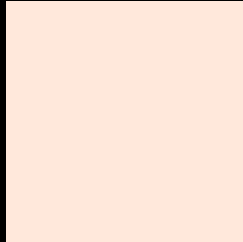
Large Text (above 18pt) WCAG AA × Fail

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 84.0877, 0.3371, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

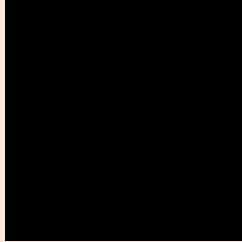
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.0877, 0.3371, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 84.0877, 0.3371, 0.3420.

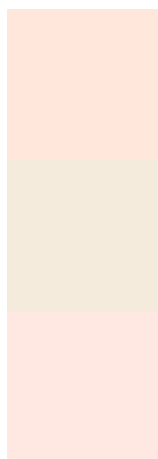


This preview shows how white text looks on a background with the Yxy color 84.0877, 0.3371, 0.3420.

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

84.0877, 0.3371, 0.3420

Protanopia

83.8702, 0.3277, 0.3433

Deuteranopia

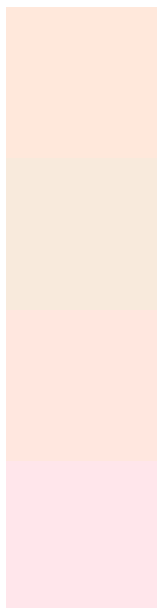
83.9028, 0.3326, 0.3340



Tritanopia

83.8303, 0.3209, 0.3144

Trichromacy



Original Color

84.0877, 0.3371, 0.3420

Protanomaly

83.9694, 0.3313, 0.3432

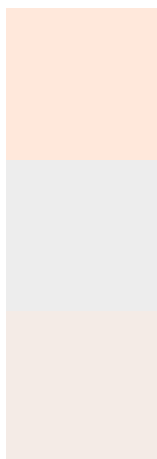
Deuteranomaly

83.7395, 0.3346, 0.3370

Tritanomaly

83.8518, 0.3267, 0.3241

Monochromacy



Original Color

84.0877, 0.3371, 0.3420

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.3629, 0.3219, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.0877, 0.3371, 0.3420 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(255, 232, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 219)  
}
```

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(255, 232, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 219) }
```

Border

The CSS property to change the border of an element to Yxy 84.0877, 0.3371, 0.3420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

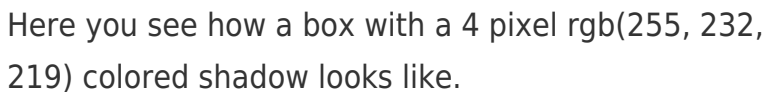
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 232, 219) }
```

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

```
.border{ border-color:rgb(255, 232, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 232, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 232, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 232, 219); box-shadow:4px 4px 4px 4px rgb(255, 232, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 84.0877, 0.3371, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 219) }
```

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

```
.background{ background-color: rgb(255,  
232, 219) }
```

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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