

Converting Colors

$Y_{xy}(100.0000, 0.3764, 0.3516)$

Have a look what the booklet for
Yxy(100.0000, 0.3764, 0.3516)
contains.

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Color

Yxy(88.4352, 0.3392, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0D6
RGB	255, 240, 214
RGB Percent	100%, 94%, 84%
CMY	0.0002, 0.0587, 0.1608
CMYK	0.00, 0.06, 0.16, 0.00
HSL	38°, 100%, 92%
HSV	38°, 16%, 100%
XYZ	84.5230, 88.4352, 76.2252
YIQ	241.5210, 17.2860, -4.9060

Conversions

Conversions Part 2

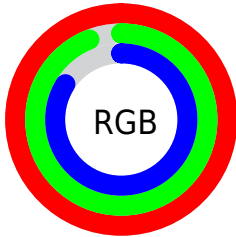
Format	Color
R_{YB}	238, 255, 214
Decimal	16773334
CIE Lab	95.34, 0.89, 14.39
CIE LCh	95, 14.413, 86.463
Yxy	88.4352, 0.3392, 0.3549
Android (android.graphics.Color)	4294963414 (0xFFFFF0D6)
YUV	241.5210, -13.5679, 11.8211
Hunter-Lab	94.0400, -4.1344, 17.7698

Details

The Yxy color **88.4352, 0.3392, 0.3549** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.5050, 0.2871, 0.3017**, and the grayscale version is **88.4913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7899, 0.3452, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **81.9046, 0.3580, 0.3718**, and if you desaturate by 10%, it is **95.4577, 0.3222, 0.3385**.

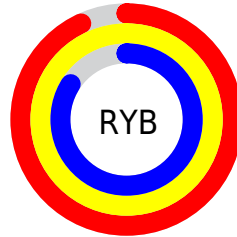
Distribution



Red (100%)

Green (94%)

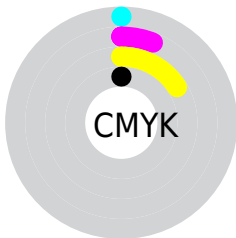
Blue (84%)



Red (93%)

Yellow (100%)

Blue (84%)

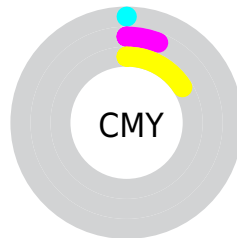


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (6%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4352, 0.3392, 0.3549 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 88.4352, 0.3392, 0.3549 by changing the saturation by 10% instead.


 88.4352, 0.3392,
0.3549

 88.4352, 0.3392,
0.3549


522.9274, 0.3274,
0.3434

 66.6835, 0.3418,
0.3574


145.1629, 0.3352,
0.3510

 48.8275, 0.3450,
0.3605


180.9077, 0.3336,
0.3494

 34.4827, 0.3489,
0.3643


222.0857, 0.3322,
0.3481

 23.2646, 0.3540,
0.3692

269.0813, 0.3310,
0.3469

 14.7890, 0.3606,
0.3756

322.2789, 0.3299,
0.3459

 8.6715, 0.3698,
0.3844

382.0628, 0.3290,

 4.5275, 0.3831,

0.3449

0.3971

448.8175, 0.3281,
0.3441

■ 1.9728, 0.4044,
0.4172

■ 0.5916, 0.4968,
0.5032

■ 88.4352, 0.3392,
0.3549

■ 88.4352, 0.3392,
0.3549

■ 81.9046, 0.3580,
0.3718

■ 95.4577, 0.3222,
0.3385

■ 75.8405, 0.3784,
0.3888

99.9908, 0.3127,
0.3290

■ 70.2325, 0.4001,
0.4052

■ 65.0649, 0.4225,
0.4198

■ 60.3210, 0.4446,
0.4317

■ 55.9824, 0.4654,
0.4396

■ 52.0279, 0.4836,
0.4425

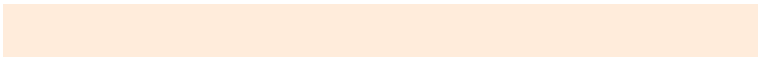
■ 48.4324, 0.4985,
0.4402

■ 47.1036, 0.5038,
0.4382

Harmonies

Analogous

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



88.4352, 0.3449, 0.3454



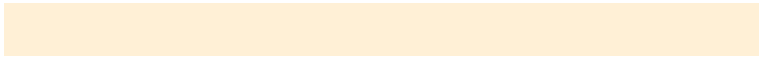
88.4352, 0.3392, 0.3549



88.4352, 0.3264, 0.3576

Triad

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



88.4352, 0.3392, 0.3549



88.4352, 0.2846, 0.3249



88.4352, 0.3146, 0.3073

Complementary

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



88.4352, 0.3392, 0.3549



77.5050, 0.2871, 0.3017

Split Complementary

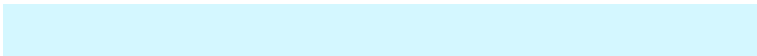
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4352, 0.2986, 0.3019



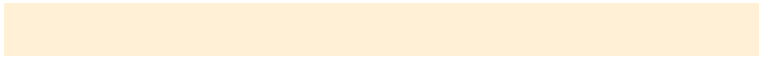
88.4352, 0.3392, 0.3549



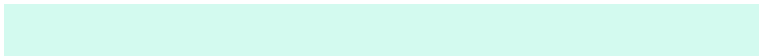
88.4352, 0.2816, 0.3115

Square

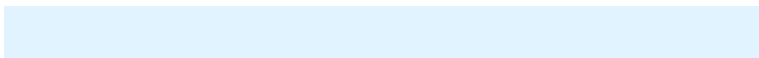
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4352, 0.3392, 0.3549



88.4352, 0.2949, 0.3400



88.4352, 0.2866, 0.3032



88.4352, 0.3305, 0.3182

Rectangle

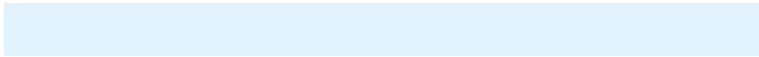
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4352, 0.3392, 0.3549



88.4352, 0.3157, 0.3548



88.4352, 0.2866, 0.3032



88.4352, 0.3091, 0.3048

Sweetspot

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



88.4391, 0.3392, 0.3549



96.2768, 0.3205, 0.3368



74.9965, 0.3325, 0.3140



20.4973, 0.3216, 0.3379



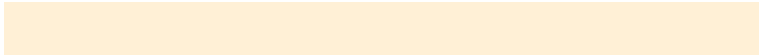
0.0000, 0.0000, 0.0000



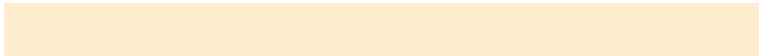
21.4041, 0.3127, 0.3290

Same Dimension

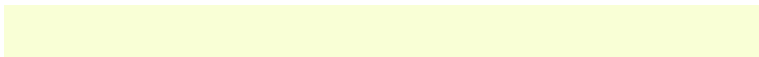
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4391, 0.3392, 0.3549



86.5098, 0.3445, 0.3598



96.5736, 0.3333, 0.3695



19.9121, 0.3278, 0.3441



24.9173, 0.5020, 0.4396



2.6342, 0.4900, 0.4491

Inverse Universe

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



77.5050, 0.2871, 0.3017



73.8436, 0.2822, 0.2961



70.4351, 0.2901, 0.2860



18.4616, 0.2979, 0.3135



8.1156, 0.1655, 0.1158



0.9894, 0.1717, 0.1382

Previews

White Background



This preview shows how the Yxy color 88.4352, 0.3392, 0.3549 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 88.4352, 0.3392, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

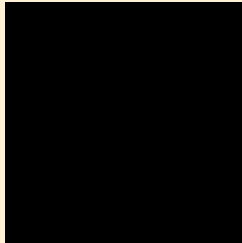
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.4352, 0.3392, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 88.4352, 0.3392, 0.3549.



This preview shows how white text looks on a background with the Yxy color 88.4352, 0.3392, 0.3549.

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

88.4352, 0.3392, 0.3549

Protanopia

88.4611, 0.3370, 0.3560

Deuteranopia

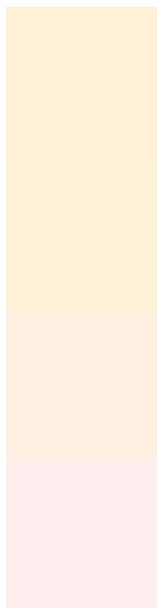
88.2353, 0.3279, 0.3349



Tritanopia

88.7305, 0.3166, 0.3164

Trichromacy



Original Color

88.4352, 0.3392, 0.3549

Protanomaly

88.6483, 0.3377, 0.3560

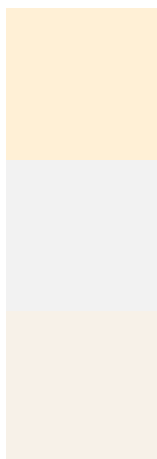
Deuteranomaly

88.4292, 0.3323, 0.3429

Tritanomaly

88.5235, 0.3247, 0.3300

Monochromacy



Original Color

88.4352, 0.3392, 0.3549

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.5109, 0.3222, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4352, 0.3392, 0.3549 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, 240, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 214)  
}
```

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, 240, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 214) }
```

Border

The CSS property to change the border of an element to Yxy 88.4352, 0.3392, 0.3549 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, 240, 214) }
```

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

```
.border{ border-color:rgb(255, 240, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 240, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4352, 0.3392, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 214) }
```

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

```
.background{ background-color: rgb(255,  
240, 214) }
```

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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