

Converting Colors

$Yxy(92.4852, 0.3365, 0.3650)$

Have a look what the booklet for
Yxy(92.4852, 0.3365, 0.3650)
contains.

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Color

Yxy(92.3975, 0.3365, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	FBF8D4
RGB	251, 248, 212
RGB Percent	98%, 97%, 83%
CMY	0.0158, 0.0274, 0.1685
CMYK	0.00, 0.01, 0.16, 0.02
HSL	55°, 83%, 91%
HSV	55°, 16%, 98%
XYZ	85.2296, 92.3975, 75.6555
YIQ	244.7930, 13.3440, -10.5600

Conversions

Conversions Part 2

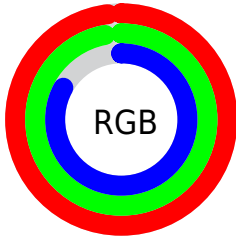
Format	Color
R _Y B	215, 251, 212
Decimal	16513236
CIE Lab	96.98, -4.84, 17.65
CIE LCh	97, 18.306, 105.325
Yxy	92.3975, 0.3365, 0.3648
Android (android.graphics.Color)	4294703316 (0xFFFBF8D4)
YUV	244.7930, -16.1669, 5.4435
Hunter-Lab	96.1236, -9.9463, 20.6215

Details

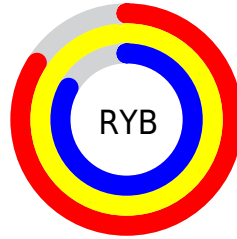
The Yxy color $92.3975, 0.3365, 0.3648$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $69.5642, 0.2876, 0.2905$, and the grayscale version is $91.2612, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.6029, 0.3415, 0.3735$ is the 20% darker color. If you saturate the color by 10%, you get $90.0664, 0.3525, 0.3885$, and if you desaturate by 10%, it is $94.9456, 0.3210, 0.3415$.

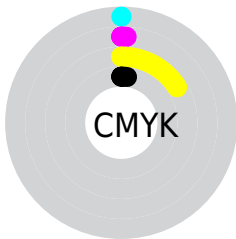
Distribution



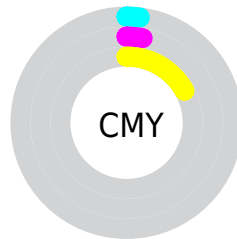
- Red (98%)
- Green (97%)
- Blue (83%)



- Red (84%)
- Yellow (98%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.3975, 0.3365, 0.3648 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 92.3975, 0.3365, 0.3648 by changing the saturation by 10% instead.

92.3975, 0.3365,
0.3648

92.3975, 0.3365,
0.3648

535.7994, 0.3261,
0.3488

69.9708, 0.3388,
0.3683

150.6642, 0.3330,
0.3594

51.5028, 0.3415,
0.3726

187.2730, 0.3316,
0.3572

36.6089, 0.3448,
0.3779

229.3780, 0.3304,
0.3553

24.9048, 0.3491,
0.3847

277.3636, 0.3293,
0.3537

16.0061, 0.3546,
0.3937

331.6141, 0.3283,
0.3523

9.5285, 0.3619,
0.4060

392.5140, 0.3275,

5.0875, 0.3721,

0.3510

0.4239

460.4476, 0.3267,
0.3498

■ 2.2987, 0.3876,
0.4524

■ 0.7730, 0.4437,
0.5563

■ 92.3975, 0.3365,
0.3648

■ 92.3975, 0.3365,
0.3648

■ 90.0664, 0.3525,
0.3885

■ 94.9456, 0.3210,
0.3415

■ 87.9309, 0.3685,
0.4117

■ 97.2321, 0.3103,
0.3259

■ 85.9852, 0.3839,
0.4337

■ 98.4331, 0.3103,
0.3278

■ 84.2188, 0.3981,
0.4534

■ 99.2431, 0.3102,
0.3290

■ 82.6197, 0.4105,
0.4698

■ 81.1746, 0.4204,
0.4821

■ 79.8680, 0.4276,
0.4899

■ 78.6804, 0.4321,
0.4934

■ 78.1733, 0.4335,
0.4940

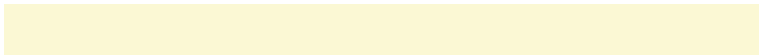
Harmonies

Analogous

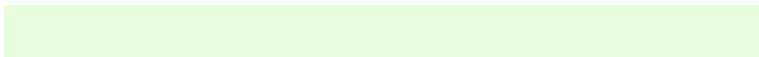
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3975, 0.3498, 0.3577



92.3975, 0.3365, 0.3648



92.3975, 0.3171, 0.3619

Triad

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



92.3975, 0.3365, 0.3648



92.3975, 0.2742, 0.3126



92.3975, 0.3279, 0.3099

Complementary

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



92.3975, 0.3365, 0.3648



69.5642, 0.2876, 0.2905

Split Complementary

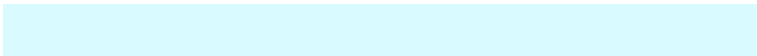
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3975, 0.3073, 0.2987



92.3975, 0.3365, 0.3648



92.3975, 0.2768, 0.2997

Square

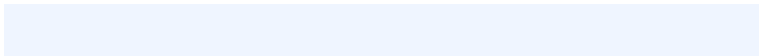
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.3975, 0.3365, 0.3648



92.3975, 0.2815, 0.3308



92.3975, 0.2887, 0.2948



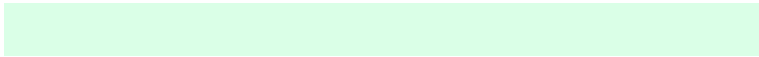
92.3975, 0.3448, 0.3260

Rectangle

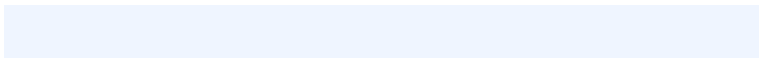
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.3975, 0.3365, 0.3648



92.3975, 0.3035, 0.3544



92.3975, 0.2887, 0.2948



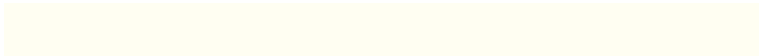
92.3975, 0.3212, 0.3055

Sweetspot

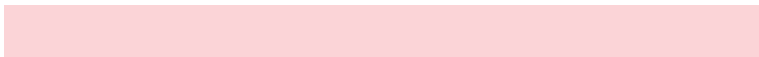
The Sweet Spot groups the original color and five complimentary colors.



92.4016, 0.3365, 0.3648



98.5901, 0.3202, 0.3403



72.5315, 0.3397, 0.3258



21.0609, 0.3213, 0.3419



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

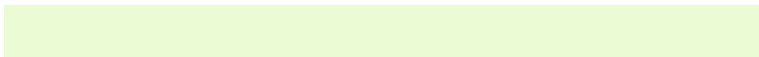
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4016, 0.3365, 0.3648



94.9397, 0.3421, 0.3731



91.3485, 0.3253, 0.3689



19.9520, 0.3271, 0.3507



41.2002, 0.4333, 0.4942



3.8810, 0.4314, 0.4956

Inverse Universe

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



69.5642, 0.2876, 0.2905



66.6257, 0.2813, 0.2807



70.6069, 0.2985, 0.2886



16.8545, 0.2979, 0.3063



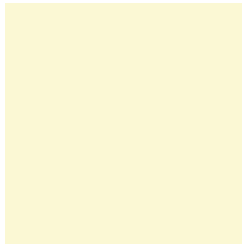
3.9838, 0.1513, 0.0647



0.4399, 0.1543, 0.0756

Previews

White Background



This preview shows how the Yxy color 92.3975, 0.3365, 0.3648 looks on a white background.

Color Contrast Check

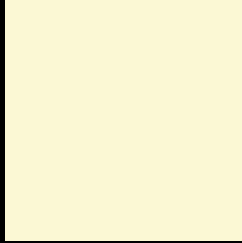
Large Text (above 18pt) WCAG AA × Fail

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 92.3975, 0.3365, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

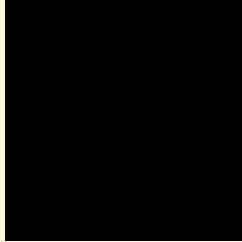
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.3975, 0.3365, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 92.3975, 0.3365, 0.3648.

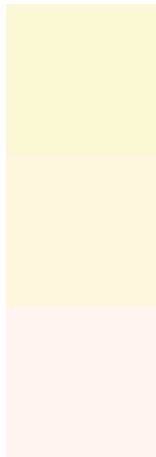


This preview shows how white text looks on a background with the Yxy color 92.3975, 0.3365, 0.3648.

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

92.3975, 0.3365, 0.3648

Protanopia

92.4455, 0.3333, 0.3526

Deuteranopia

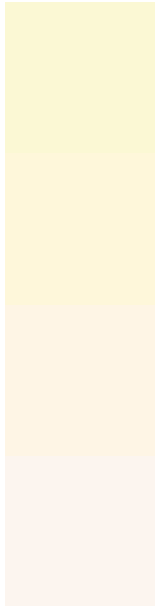
92.1934, 0.3229, 0.3339



Tritanopia

92.2038, 0.3120, 0.3175

Trichromacy



Original Color

92.3975, 0.3365, 0.3648

Protanomaly

92.6543, 0.3350, 0.3576

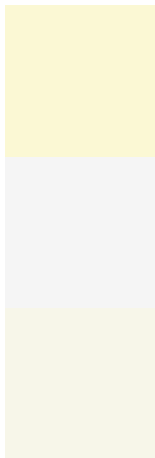
Deuteranomaly

92.0328, 0.3284, 0.3447

Tritanomaly

92.2323, 0.3209, 0.3349

Monochromacy



Original Color

92.3975, 0.3365, 0.3648

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.5689, 0.3212, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3975, 0.3365, 0.3648 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(251, 248, 212)` looks like.

```
.text, #text, p{  
    color:rgb(251, 248, 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(251, 248, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 212) }
```

Border

The CSS property to change the border of an element to Yxy 92.3975, 0.3365, 0.3648 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(251, 248, 212) }
```

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

```
.border{ border-color:rgb(251, 248, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 248, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 248, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 248, 212);  
box-shadow:4px 4px 4px 4px rgb(251, 248,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3975, 0.3365, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 248, 212) }
```

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

```
.background{ background-color: rgb(251,  
248, 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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