

Converting Colors

$Y_{xy}(111.7912, 0.4027, 0.3680)$

Have a look what the booklet for
Yxy(111.7912, 0.4027, 0.3680)
contains.

Yxy(92.5649, 0.3467, 0.3766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.5649, 0.3467, 0.3766)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C8
RGB	255, 248, 200
RGB Percent	100%, 97%, 78%
CMY	0.0002, 0.0274, 0.2157
CMYK	0.00, 0.03, 0.22, 0.00
HSL	52°, 100%, 89%
HSV	52°, 22%, 100%
XYZ	85.2157, 92.5649, 68.0104
YIQ	244.6210, 19.5800, -13.4440

Conversions

Conversions Part 2

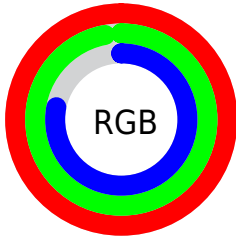
Format	Color
R _Y B	208, 255, 200
Decimal	16775368
CIE Lab	97.05, -5.16, 23.95
CIE LCh	97, 24.501, 102.153
Yxy	92.5649, 0.3467, 0.3766
Android (android.graphics.Color)	4294965448 (0xFFFFF8C8)
YUV	244.6210, -21.9982, 9.1024
Hunter-Lab	96.2107, -10.2675, 25.4359

Details

The Yxy color **92.5649, 0.3467, 0.3766** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.0742, 0.2768, 0.2765**, and the grayscale version is **91.1547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7804, 0.3537, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **89.5178, 0.3634, 0.3991**, and if you desaturate by 10%, it is **95.8528, 0.3305, 0.3541**.

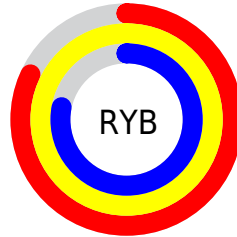
Distribution



Red (100%)

Green (97%)

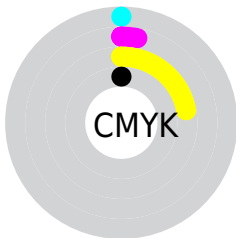
Blue (78%)



Red (82%)

Yellow (100%)

Blue (78%)

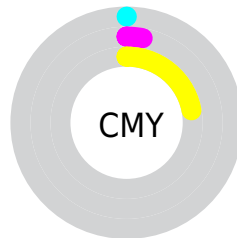


Cyan (0%)

Magenta (3%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (3%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5649, 0.3467, 0.3766 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 92.5649, 0.3467, 0.3766 by changing the saturation by 10% instead.


 92.5649, 0.3467,
0.3766

 92.5649, 0.3467,
0.3766

536.3395, 0.3318,
0.3554

 70.1099, 0.3499,
0.3813

150.8961, 0.3417,
0.3694

 51.6162, 0.3537,
0.3869


187.5411, 0.3397,
0.3665

 36.6992, 0.3584,
0.3939


229.6849, 0.3380,
0.3641

 24.9747, 0.3643,
0.4028

277.7118, 0.3364,
0.3619

 16.0582, 0.3718,
0.4144

332.0064, 0.3351,
0.3600

 9.5653, 0.3817,
0.4300


392.9529, 0.3339,


 5.1117, 0.3949,


0.3583


0.4521


460.9359, 0.3328,
0.3567


 2.3130, 0.4222,
0.4961


 0.7806, 0.4411,
0.5589


 92.5649, 0.3467,
0.3766


 92.5649, 0.3467,
0.3766

 89.5178, 0.3634,
0.3991


 95.8528, 0.3305,
0.3541

 86.6892, 0.3800,
0.4208

 99.3785, 0.3150,
0.3323

 84.0724, 0.3959,
0.4408

99.9892, 0.3127,
0.3290

 81.6553, 0.4105,
0.4580

■ 79.4247, 0.4229,
0.4714

■ 77.3652, 0.4328,
0.4805

■ 75.4586, 0.4399,
0.4850

■ 73.9439, 0.4439,
0.4858

Harmonies

Analogous

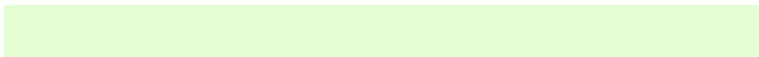
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5649, 0.3634, 0.3652



92.5649, 0.3467, 0.3766



92.5649, 0.3212, 0.3746

Triad

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



92.5649, 0.3467, 0.3766



92.5649, 0.2620, 0.3090



92.5649, 0.3301, 0.3018

Complementary

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



92.5649, 0.3467, 0.3766



64.0742, 0.2768, 0.2765

Split Complementary

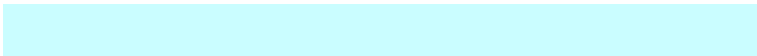
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5649, 0.3024, 0.2880



92.5649, 0.3467, 0.3766



92.5649, 0.2641, 0.2911

Square

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



92.5649, 0.3467, 0.3766



92.5649, 0.2728, 0.3339



92.5649, 0.2785, 0.2839



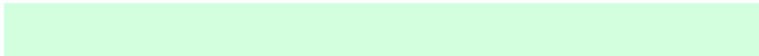
92.5649, 0.3538, 0.3223

Rectangle

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



92.5649, 0.3467, 0.3766



92.5649, 0.3029, 0.3653



92.5649, 0.2785, 0.2839



92.5649, 0.3209, 0.2963

Sweetspot

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



92.5690, 0.3467, 0.3766



97.8307, 0.3218, 0.3419



67.0727, 0.3508, 0.3216



20.8904, 0.3228, 0.3433



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

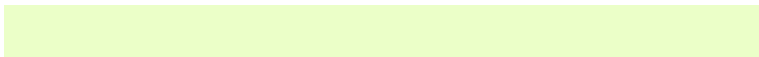
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5690, 0.3467, 0.3766



91.2310, 0.3541, 0.3866



93.2803, 0.3320, 0.3854



20.6774, 0.3272, 0.3496



38.8100, 0.4434, 0.4861



3.8834, 0.4403, 0.4886

Inverse Universe

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



64.0742, 0.2768, 0.2765



57.9541, 0.2684, 0.2639



63.7565, 0.2901, 0.2710



17.7461, 0.2979, 0.3075



4.4290, 0.1526, 0.0692



0.5415, 0.1568, 0.0845

Previews

White Background



This preview shows how the Yxy color 92.5649, 0.3467, 0.3766 looks on a white background.

Color Contrast Check

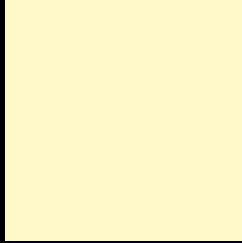
Large Text (above 18pt) WCAG AA × Fail

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 92.5649, 0.3467, 0.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

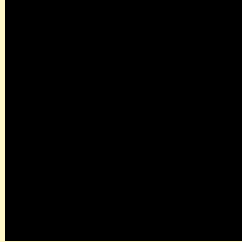
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.5649, 0.3467, 0.3766

Background



This preview shows how black text looks on a background with the Yxy color 92.5649, 0.3467, 0.3766.



This preview shows how white text looks on a background with the Yxy color 92.5649, 0.3467, 0.3766.

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

92.5649, 0.3467, 0.3766

Protanopia

92.3920, 0.3339, 0.3536

Deuteranopia

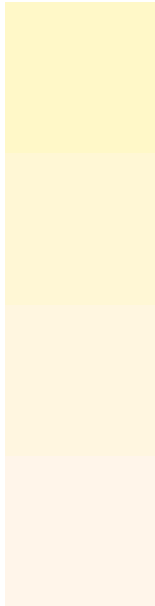
92.7379, 0.3235, 0.3358



Tritanopia

92.4530, 0.3145, 0.3194

Trichromacy



Original Color

92.5649, 0.3467, 0.3766

Protanomaly

92.5856, 0.3388, 0.3626

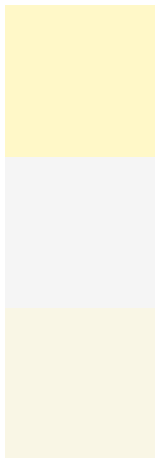
Deuteranomaly

92.5534, 0.3320, 0.3506

Tritanomaly

92.5053, 0.3259, 0.3398

Monochromacy



Original Color

92.5649, 0.3467, 0.3766

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.7084, 0.3250, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5649, 0.3467, 0.3766 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, 248, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 200)  
}
```

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, 248, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 200) }
```

Border

The CSS property to change the border of an element to Yxy 92.5649, 0.3467, 0.3766 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, 248, 200) }
```

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

```
.border{ border-color:rgb(255, 248, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5649, 0.3467, 0.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 200) }
```

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

```
.background{ background-color: rgb(255,  
248, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor