

Converting Colors

$Yxy(92.5006, 0.3686, 0.4149)$

Have a look what the booklet for
Yxy(92.5006, 0.3686, 0.4149)
contains.

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Color

Yxy(92.2756, 0.3688, 0.4148)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAA3
RGB	255, 250, 163
RGB Percent	100%, 98%, 64%
CMY	0.0000, 0.0196, 0.3608
CMYK	0.00, 0.02, 0.36, 0.00
HSL	57°, 100%, 82%
HSV	57°, 36%, 100%
XYZ	82.0425, 92.2756, 48.1399
YIQ	241.5770, 30.9070, -25.9970

Conversions

Conversions Part 2

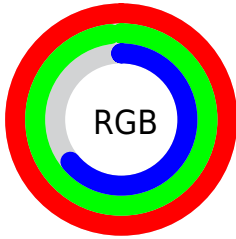
Format	Color
R _Y B	168, 255, 163
Decimal	16775843
CIE Lab	96.93, -10.71, 42.35
CIE LCh	97, 43.683, 104.193
Yxy	92.2756, 0.3688, 0.4148
Android (android.graphics.Color)	4294965923 (0xFFFFFAA3)
YUV	241.5770, -38.7385, 11.7720
Hunter-Lab	96.0602, -15.6531, 37.5293

Details

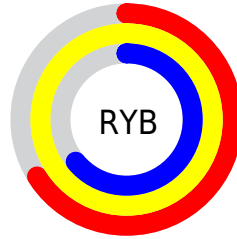
The Yxy color **92.2756, 0.3688, 0.4148** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.0158, 0.2474, 0.2257**, and the grayscale version is **88.7348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **51.5797, 0.3791, 0.4333** is the 20% darker color. If you saturate the color by 10%, you get **90.5938, 0.3837, 0.4370**, and if you desaturate by 10%, it is **94.1486, 0.3531, 0.3912**.

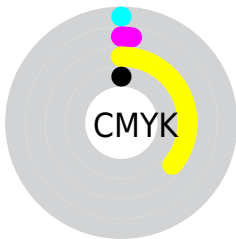
Distribution



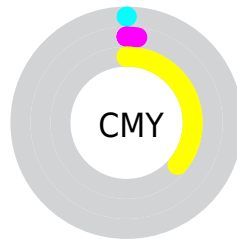
- Red (100%)
- Green (98%)
- Blue (64%)



- Red (66%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2756, 0.3688, 0.4148 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 92.2756, 0.3688, 0.4148 by changing the saturation by 10% instead.


 92.2756, 0.3688,
0.4148

 92.2756, 0.3688,
0.4148


535.4058, 0.3450,
0.3766

 69.8696, 0.3737,
0.4230

 150.4953, 0.3610,
0.4019

 51.4202, 0.3794,
0.4329


 187.0778, 0.3578,
0.3968

 36.5431, 0.3861,
0.4450


229.1545, 0.3550,
0.3923

 24.8540, 0.3940,
0.4599

277.1099, 0.3525,
0.3884

 15.9683, 0.4032,
0.4787

331.3283, 0.3503,
0.3850

 9.5017, 0.4134,
0.5024

392.1942, 0.3484,

 5.0699, 0.4294,

0.3819

0.5402

460.0919, 0.3466,
0.3791

■ 2.2883, 0.4289,
0.5711

■ 0.7675, 0.3788,
0.6212

■ 92.2756, 0.3688,
0.4148

■ 92.2756, 0.3688,
0.4148

■ 90.5938, 0.3837,
0.4370

■ 94.1486, 0.3531,
0.3912

■ 89.0911, 0.3974,
0.4568

■ 96.2222, 0.3373,
0.3670

■ 87.7556, 0.4090,
0.4732

■ 98.5060, 0.3218,
0.3431

■ 86.5732, 0.4181,
0.4854

100.0000, 0.3127,
0.3290

■ 85.5276, 0.4246,
0.4932

■ 84.5983, 0.4283,
0.4967

■ 84.2536, 0.4293,
0.4973

Harmonies

Analogous

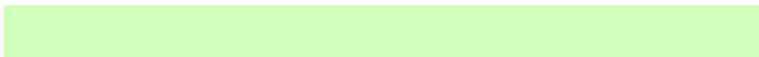
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2756, 0.4012, 0.3926



92.2756, 0.3688, 0.4148



92.2756, 0.3227, 0.4121

Triad

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



92.2756, 0.3688, 0.4148



92.2756, 0.2249, 0.2888



92.2756, 0.3462, 0.2841

Complementary

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



92.2756, 0.3688, 0.4148



43.0158, 0.2474, 0.2257

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.



92.2756, 0.2967, 0.2602



92.2756, 0.3688, 0.4148



92.2756, 0.2298, 0.2604

Square

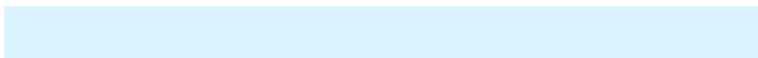
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2756, 0.3688, 0.4148



92.2756, 0.2410, 0.3331



92.2756, 0.2549, 0.2513



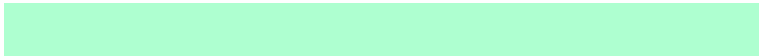
92.2756, 0.3888, 0.3185

Rectangle

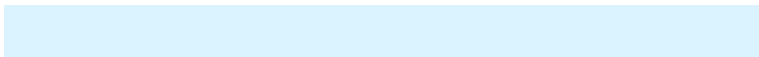
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.2756, 0.3688, 0.4148



92.2756, 0.2908, 0.3940



92.2756, 0.2549, 0.2513



92.2756, 0.3297, 0.2747

Sweetspot

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



92.2759, 0.3688, 0.4148



97.3544, 0.3294, 0.3548



50.3273, 0.3945, 0.3228



20.7720, 0.3315, 0.3580



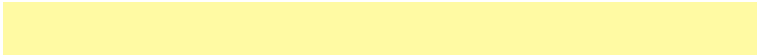
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

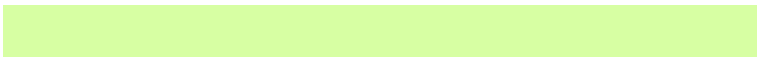
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2759, 0.3688, 0.4148



91.0914, 0.3793, 0.4304



88.6325, 0.3401, 0.4279



20.9115, 0.3270, 0.3512



44.0977, 0.4292, 0.4974



4.3433, 0.4279, 0.4984

Inverse Universe

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



43.0158, 0.2474, 0.2257



35.5046, 0.2328, 0.2021



46.0958, 0.2754, 0.2277



17.5360, 0.2978, 0.3058



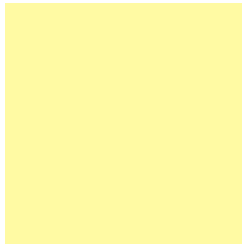
3.9983, 0.1509, 0.0632



0.4425, 0.1530, 0.0708

Previews

White Background



This preview shows how the Yxy color 92.2756, 0.3688, 0.4148 looks on a white background.

Color Contrast Check

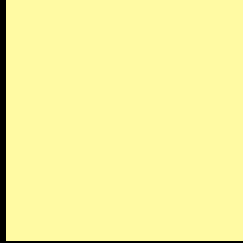
Large Text (above 18pt) WCAG AA × Fail

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 92.2756, 0.3688, 0.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

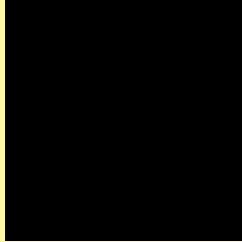
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.2756, 0.3688, 0.4148

Background



This preview shows how black text looks on a background with the Yxy color 92.2756, 0.3688, 0.4148.

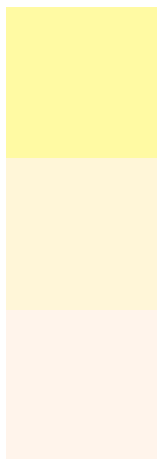


This preview shows how white text looks on a background with the Yxy color 92.2756, 0.3688, 0.4148.

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

92.2756, 0.3688, 0.4148

Protanopia

92.1294, 0.3371, 0.3586

Deuteranopia

91.9595, 0.3254, 0.3378



Tritanopia

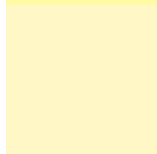
92.3262, 0.3157, 0.3213

Trichromacy



Original Color

92.2756, 0.3688, 0.4148



Protanomaly

91.8127, 0.3488, 0.3786



Deuteranomaly

91.7750, 0.3415, 0.3656



Tritanomaly

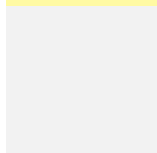
92.2860, 0.3352, 0.3556

Monochromacy



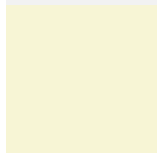
Original Color

92.2756, 0.3688, 0.4148



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

89.8831, 0.3336, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2756, 0.3688, 0.4148 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, 250, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 163)  
}
```

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, 250, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 163) }
```

Border

The CSS property to change the border of an element to Yxy 92.2756, 0.3688, 0.4148 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, 250, 163) }
```

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

```
.border{ border-color:rgb(255, 250, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2756, 0.3688, 0.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 163) }
```

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

```
.background{ background-color: rgb(255,  
250, 163) }
```

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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