

Converting Colors

$Yxy(92.5434, 0.3602, 0.4007)$

Have a look what the booklet for
Yxy(92.5434, 0.3602, 0.4007)
contains.

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Color

Yxy(92.8055, 0.3604, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAB1
RGB	255, 250, 177
RGB Percent	100%, 98%, 69%
CMY	0.0002, 0.0195, 0.3059
CMYK	0.00, 0.02, 0.31, 0.00
HSL	56°, 100%, 85%
HSV	56°, 31%, 100%
XYZ	83.3469, 92.8055, 55.1098
YIQ	243.1730, 26.4130, -21.6430

Conversions

Conversions Part 2

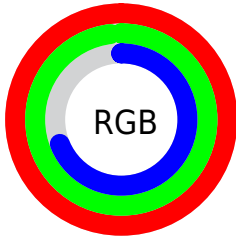
Format	Color
R _Y B	182, 255, 177
Decimal	16775857
CIE Lab	97.15, -9.13, 35.70
CIE LCh	97, 36.846, 104.347
Yxy	92.8055, 0.3604, 0.4013
Android (android.graphics.Color)	4294965937 (0xFFFFFAB1)
YUV	243.1730, -32.6233, 10.3723
Hunter-Lab	96.3356, -14.1541, 33.5175

Details

The Yxy color **92.8055, 0.3604, 0.4013** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.9858, 0.2589, 0.2447**, and the grayscale version is **90.0186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **51.9091, 0.3690, 0.4168** is the 20% darker color. If you saturate the color by 10%, you get **90.8888, 0.3760, 0.4243**, and if you desaturate by 10%, it is **94.9290, 0.3445, 0.3774**.

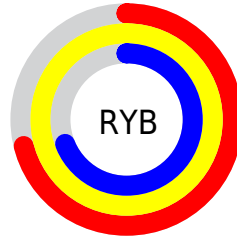
Distribution



Red (100%)

Green (98%)

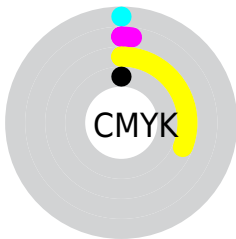
Blue (69%)



Red (71%)

Yellow (100%)

Blue (69%)

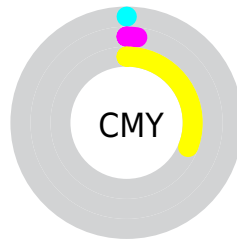


Cyan (0%)

Magenta (2%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8055, 0.3604, 0.4013 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 92.8055, 0.3604, 0.4013 by changing the saturation by 10% instead.

 92.8055, 0.3604,
0.4013

 92.8055, 0.3604,
0.4013


537.1154, 0.3399,
0.3690

 70.3099, 0.3647,
0.4083


 151.2293, 0.3536,
0.3904

 51.7792, 0.3697,
0.4168


187.9263, 0.3509,
0.3861

 36.8291, 0.3758,
0.4272


230.1258, 0.3485,
0.3823

 25.0752, 0.3831,
0.4402

278.2122, 0.3464,
0.3790

 16.1331, 0.3920,
0.4569

332.5700, 0.3445,
0.3761

 9.6184, 0.4027,
0.4787

393.5835, 0.3428,

 5.1467, 0.4152,

0.3735

0.5081

461.6372, 0.3413,
0.3711

■ 2.3336, 0.4381,
0.5619

■ 0.7914, 0.4008,
0.5992

■ 92.8055, 0.3604,
0.4013

■ 92.8055, 0.3604,
0.4013

■ 90.8888, 0.3760,
0.4243

■ 94.9290, 0.3445,
0.3774

■ 89.1558, 0.3906,
0.4454

■ 97.2566, 0.3287,
0.3536

■ 87.5990, 0.4036,
0.4637

■ 99.8016, 0.3136,
0.3303

■ 86.2054, 0.4144,
0.4782

■ 99.9905, 0.3127,
0.3290

■ 84.9600, 0.4226,
0.4883

■ 83.8449, 0.4281,
0.4940

■ 82.8869, 0.4310,
0.4959

Harmonies

Analogous

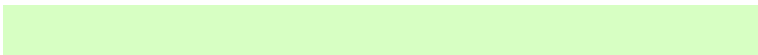
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8055, 0.3875, 0.3837



92.8055, 0.3604, 0.4013



92.8055, 0.3215, 0.3981

Triad

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



92.8055, 0.3604, 0.4013



92.8055, 0.2378, 0.2955



92.8055, 0.3414, 0.2909

Complementary

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



92.8055, 0.3604, 0.4013



49.9858, 0.2589, 0.2447

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.



92.8055, 0.2997, 0.2702



92.8055, 0.3604, 0.4013



92.8055, 0.2421, 0.2709

Square

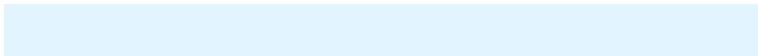
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.8055, 0.3604, 0.4013



92.8055, 0.2517, 0.3327



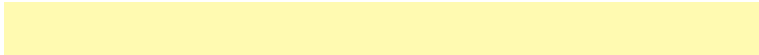
92.8055, 0.2639, 0.2626



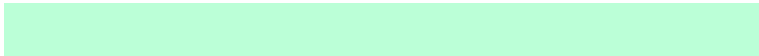
92.8055, 0.3768, 0.3207

Rectangle

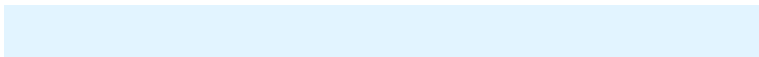
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.8055, 0.3604, 0.4013



92.8055, 0.2945, 0.3828



92.8055, 0.2639, 0.2626



92.8055, 0.3275, 0.2828

Sweetspot

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



92.8097, 0.3604, 0.4013



97.6869, 0.3263, 0.3498



56.0768, 0.3776, 0.3237



20.8326, 0.3285, 0.3533



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

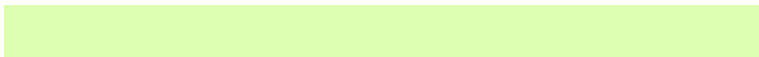
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8097, 0.3604, 0.4013



91.5946, 0.3705, 0.4162



90.0608, 0.3363, 0.4118



20.8824, 0.3271, 0.3510



43.4136, 0.4308, 0.4961



4.2841, 0.4294, 0.4973

Inverse Universe

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



49.9858, 0.2589, 0.2447



42.2569, 0.2456, 0.2236



52.4733, 0.2823, 0.2446



17.5619, 0.2978, 0.3060



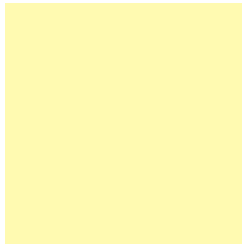
4.0377, 0.1511, 0.0638



0.4548, 0.1535, 0.0726

Previews

White Background



This preview shows how the Yxy color 92.8055, 0.3604, 0.4013 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 92.8055, 0.3604, 0.4013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

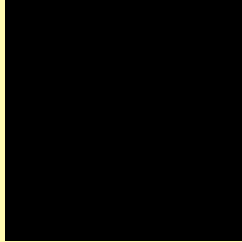
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8055, 0.3604, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 92.8055, 0.3604, 0.4013.

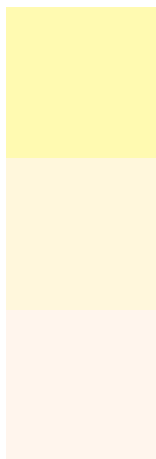


This preview shows how white text looks on a background with the Yxy color 92.8055, 0.3604, 0.4013.

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

92.8055, 0.3604, 0.4013

Protanopia

92.9488, 0.3344, 0.3556

Deuteranopia

92.6792, 0.3241, 0.3368



Tritanopia

92.9896, 0.3150, 0.3213

Trichromacy



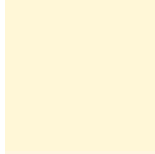
Original Color

92.8055, 0.3604, 0.4013



Protanomaly

92.7544, 0.3442, 0.3725



Deuteranomaly

92.6878, 0.3375, 0.3606



Tritanomaly

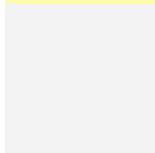
92.6078, 0.3314, 0.3496

Monochromacy



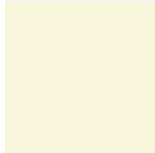
Original Color

92.8055, 0.3604, 0.4013



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.8002, 0.3298, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8055, 0.3604, 0.4013 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 177) }
```

Border

The CSS property to change the border of an element to Yxy 92.8055, 0.3604, 0.4013 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, 177) }
```

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

```
.border{ border-color:rgb(255, 250, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8055, 0.3604, 0.4013 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
250, 177) }
```

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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