

Converting Colors

$Yxy(99.1548, 0.3789, 0.3935)$

Have a look what the booklet for
Yxy(99.1548, 0.3789, 0.3935)
contains.

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Color

Yxy(92.9265, 0.3586, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAB4
RGB	255, 250, 180
RGB Percent	100%, 98%, 71%
CMY	0.0000, 0.0196, 0.2940
CMYK	0.00, 0.02, 0.29, 0.00
HSL	56°, 100%, 85%
HSV	56°, 29%, 100%
XYZ	83.6642, 92.9265, 56.7171
YIQ	243.5150, 25.4500, -20.7100

Conversions

Conversions Part 2

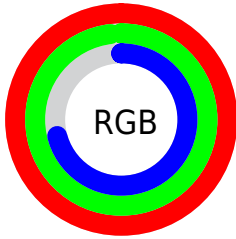
Format	Color
R_{YB}	185, 255, 180
Decimal	16775860
CIE _{Lab}	97.20, -8.74, 34.25
CIE _{LCh}	97, 35.343, 104.310
Yxy	92.9265, 0.3586, 0.3983
Android (android.graphics.Color)	4294965940 (0xFFFFFAB4)
YUV	243.5150, -31.3129, 10.0723
Hunter-Lab	96.3984, -13.7770, 32.5949

Details

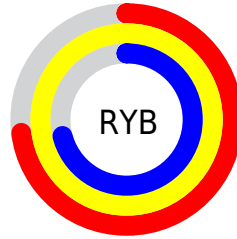
The Yxy color **92.9265, 0.3586, 0.3983** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.6279, 0.2613, 0.2487**, and the grayscale version is **90.3021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **51.9862, 0.3668, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **90.9351, 0.3743, 0.4214**, and if you desaturate by 10%, it is **95.1269, 0.3426, 0.3745**.

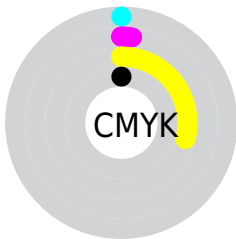
Distribution



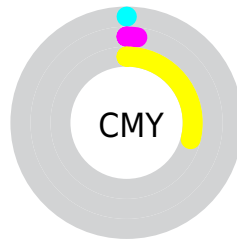
- Red (100%)
- Green (98%)
- Blue (71%)



- Red (73%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9265, 0.3586, 0.3983 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 92.9265, 0.3586, 0.3983 by changing the saturation by 10% instead.

 92.9265, 0.3586,
0.3983

 92.9265, 0.3586,
0.3983


537.5054, 0.3388,
0.3674

 70.4104, 0.3627,
0.4050


 151.3968, 0.3520,
0.3878

 51.8612, 0.3676,
0.4132


188.1199, 0.3494,
0.3837

 36.8944, 0.3735,
0.4232


230.3474, 0.3471,
0.3801

 25.1258, 0.3807,
0.4358

278.4637, 0.3451,
0.3769

 16.1708, 0.3895,
0.4519

332.8533, 0.3432,
0.3741

 9.6451, 0.4002,
0.4731

393.9005, 0.3416,

 5.1643, 0.4127,

0.3716

0.5015

461.9897, 0.3402,
0.3694

■ 2.3440, 0.4403,
0.5597

■ 0.7968, 0.4058,
0.5942

■ 92.9265, 0.3586,
0.3983

■ 92.9265, 0.3586,
0.3983

■ 90.9351, 0.3743,
0.4214

■ 95.1269, 0.3426,
0.3745

■ 89.1297, 0.3891,
0.4427

■ 97.5336, 0.3269,
0.3507

■ 87.5029, 0.4025,
0.4613

99.9992, 0.3127,
0.3290

■ 86.0419, 0.4137,
0.4763

■ 84.7320, 0.4223,
0.4870

■ 83.5557, 0.4281,
0.4931

■ 82.4863, 0.4315,
0.4953

■ 82.4239, 0.4317,
0.4954

Harmonies

Analogous

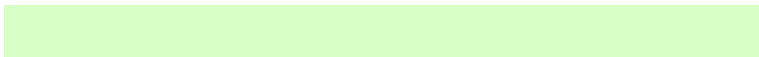
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9265, 0.3845, 0.3816



92.9265, 0.3586, 0.3983



92.9265, 0.3213, 0.3950

Triad

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



92.9265, 0.3586, 0.3983



92.9265, 0.2406, 0.2970



92.9265, 0.3402, 0.2924

Complementary

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



92.9265, 0.3586, 0.3983



51.6279, 0.2613, 0.2487

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.



92.9265, 0.3002, 0.2724



92.9265, 0.3586, 0.3983



92.9265, 0.2448, 0.2733

Square

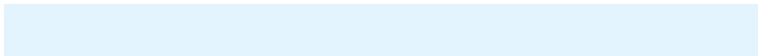
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.9265, 0.3586, 0.3983



92.9265, 0.2542, 0.3327



92.9265, 0.2658, 0.2652



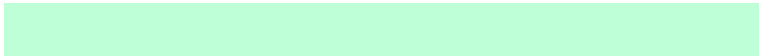
92.9265, 0.3741, 0.3211

Rectangle

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



92.9265, 0.3586, 0.3983



92.9265, 0.2953, 0.3805



92.9265, 0.2658, 0.2652



92.9265, 0.3269, 0.2845

Sweetspot

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



92.9307, 0.3586, 0.3983



97.6385, 0.3263, 0.3498



57.4139, 0.3742, 0.3239



20.8205, 0.3286, 0.3532



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

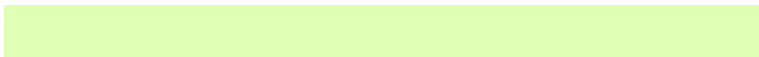
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9307, 0.3586, 0.3983



91.7929, 0.3675, 0.4114



90.4233, 0.3354, 0.4084



20.8715, 0.3271, 0.3510



43.1581, 0.4315, 0.4956



4.2620, 0.4299, 0.4968

Inverse Universe

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



51.6279, 0.2613, 0.2487



44.6869, 0.2498, 0.2306



53.9438, 0.2837, 0.2482



17.5717, 0.2978, 0.3061



4.0535, 0.1511, 0.0640



0.4594, 0.1537, 0.0732

Previews

White Background



This preview shows how the Yxy color 92.9265, 0.3586, 0.3983 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 92.9265, 0.3586, 0.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

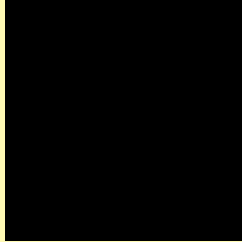
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9265, 0.3586, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 92.9265, 0.3586, 0.3983.

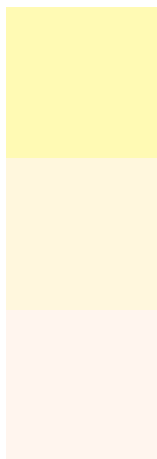


This preview shows how white text looks on a background with the Yxy color 92.9265, 0.3586, 0.3983.

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

92.9265, 0.3586, 0.3983

Protanopia

93.0020, 0.3338, 0.3546

Deuteranopia

92.7379, 0.3235, 0.3358



Tritanopia

92.9896, 0.3150, 0.3213

Trichromacy



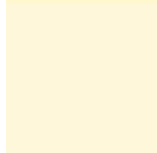
Original Color

92.9265, 0.3586, 0.3983



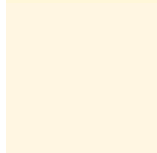
Protanomaly

92.8510, 0.3430, 0.3705



Deuteranomaly

92.7913, 0.3363, 0.3586



Tritanomaly

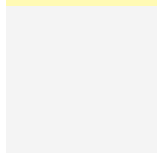
92.6625, 0.3308, 0.3486

Monochromacy



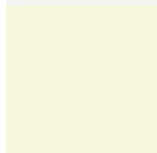
Original Color

92.9265, 0.3586, 0.3983



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.0885, 0.3292, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9265, 0.3586, 0.3983 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 180) }
```

Border

The CSS property to change the border of an element to Yxy 92.9265, 0.3586, 0.3983 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, 180) }
```

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

```
.border{ border-color:rgb(255, 250, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9265, 0.3586, 0.3983 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
250, 180) }
```

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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