

Converting Colors

$Yxy(92.7668, 0.3697, 0.4188)$

Have a look what the booklet for
Yxy(92.7668, 0.3697, 0.4188)
contains.

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Color

Yxy(92.6033, 0.3695, 0.4187)

Conversions

Conversions Part 1

Format	Color
Hex	FEFBA0
RGB	254, 251, 160
RGB Percent	100%, 98%, 63%
CMY	0.0039, 0.0157, 0.3724
CMYK	0.00, 0.01, 0.37, 0.00
HSL	58°, 98%, 81%
HSV	58°, 37%, 100%
XYZ	81.7218, 92.6033, 46.8435
YIQ	241.5230, 30.9990, -27.6650

Conversions

Conversions Part 2

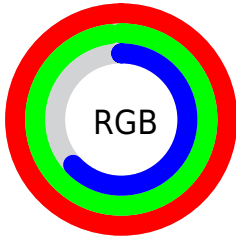
Format	Color
RYB	163, 254, 160
Decimal	16710560
CIELab	97.07, -11.91, 43.96
CIELCh	97, 45.544, 105.156
Yxy	92.6033, 0.3695, 0.4187
Android (android.graphics.Color)	4294900640 (0xFFFEFBA0)
YUV	241.5230, -40.1908, 10.9423
Hunter-Lab	96.2306, -16.8162, 38.5000

Details

The Yxy color **92.6033, 0.3695, 0.4187** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **40.8490, 0.2452, 0.2201**, and the grayscale version is **88.7082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **51.8275, 0.3798, 0.4381** is the 20% darker color. If you saturate the color by 10%, you get **91.2994, 0.3839, 0.4411**, and if you desaturate by 10%, it is **94.0994, 0.3542, 0.3947**.

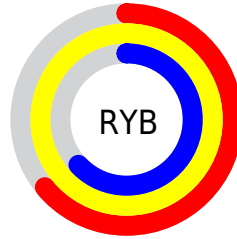
Distribution



Red (100%)

Green (98%)

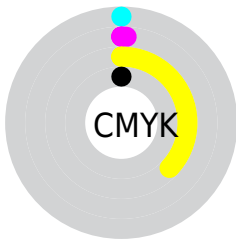
Blue (63%)



Red (64%)

Yellow (100%)

Blue (63%)

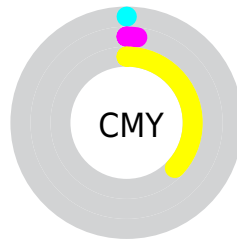


Cyan (0%)

Magenta (1%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6033, 0.3695, 0.4187 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 92.6033, 0.3695, 0.4187 by changing the saturation by 10% instead.


 92.6033, 0.3695,
0.4187

 92.6033, 0.3695,
0.4187


536.4634, 0.3455,
0.3788

 70.1418, 0.3744,
0.4273


 150.9493, 0.3617,
0.4052

 51.6422, 0.3800,
0.4376


 187.6026, 0.3585,
0.3999

 36.7199, 0.3866,
0.4502

229.7552, 0.3557,
0.3952

 24.9907, 0.3943,
0.4657

277.7917, 0.3532,
0.3911

 16.0701, 0.4032,
0.4852

332.0964, 0.3509,
0.3875

 9.5738, 0.4126,
0.5096

393.0536, 0.3489,

 5.1173, 0.4290,

0.3843

0.5507

461.0478, 0.3471,
0.3814

■ 2.3163, 0.4225,
0.5775

■ 0.7823, 0.3667,
0.6333

■ 92.6033, 0.3695,
0.4187

■ 92.6033, 0.3695,
0.4187

■ 91.2994, 0.3839,
0.4411

■ 94.0994, 0.3542,
0.3947

■ 90.1640, 0.3968,
0.4608

■ 95.7853, 0.3386,
0.3701

■ 89.1890, 0.4076,
0.4771

■ 97.6747, 0.3232,
0.3457

■ 88.3602, 0.4159,
0.4891

■ 99.3406, 0.3121,
0.3283

■ 87.6613, 0.4215,
0.4967

99.8133, 0.3121,
0.3290

■ 87.0712, 0.4245,
0.5001

■ 86.9056, 0.4251,
0.5007

Harmonies

Analogous

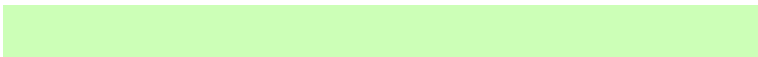
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6033, 0.4040, 0.3959



92.6033, 0.3695, 0.4187



92.6033, 0.3213, 0.4152

Triad

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



92.6033, 0.3695, 0.4187



92.6033, 0.2214, 0.2858



92.6033, 0.3492, 0.2834

Complementary

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



92.6033, 0.3695, 0.4187



40.8490, 0.2452, 0.2201

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.



92.6033, 0.2975, 0.2582



92.6033, 0.3695, 0.4187



92.6033, 0.2272, 0.2571

Square

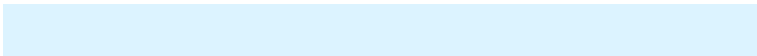
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6033, 0.3695, 0.4187



92.6033, 0.2373, 0.3315



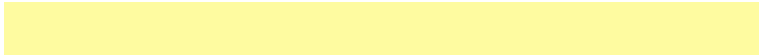
92.6033, 0.2538, 0.2484



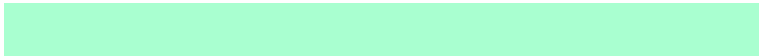
92.6033, 0.3931, 0.3192

Rectangle

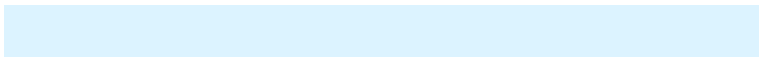
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.6033, 0.3695, 0.4187



92.6033, 0.2883, 0.3957



92.6033, 0.2538, 0.2484



92.6033, 0.3319, 0.2736

Sweetspot

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



92.6075, 0.3695, 0.4187



97.7509, 0.3293, 0.3554



48.8807, 0.4006, 0.3259



20.8672, 0.3314, 0.3587



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

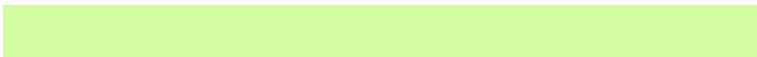
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6075, 0.3695, 0.4187



92.4836, 0.3797, 0.4346



87.1567, 0.3386, 0.4313



20.9849, 0.3270, 0.3517



45.8565, 0.4250, 0.5007



4.4950, 0.4243, 0.5013

Inverse Universe

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



40.8490, 0.2452, 0.2201



33.7222, 0.2301, 0.1956



45.1360, 0.2766, 0.2256



17.4710, 0.2978, 0.3052



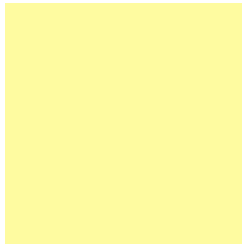
3.9057, 0.1505, 0.0619



0.4117, 0.1518, 0.0665

Previews

White Background



This preview shows how the Yxy color 92.6033, 0.3695, 0.4187 looks on a white background.

Color Contrast Check

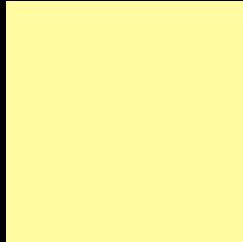
Large Text (above 18pt) WCAG AA × Fail

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 92.6033, 0.3695, 0.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

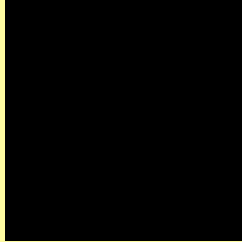
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6033, 0.3695, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 92.6033, 0.3695, 0.4187.

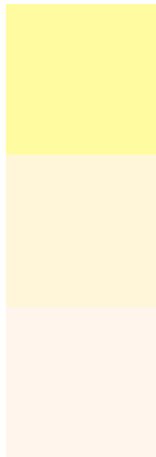


This preview shows how white text looks on a background with the Yxy color 92.6033, 0.3695, 0.4187.

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

92.6033, 0.3695, 0.4187

Protanopia

92.2335, 0.3358, 0.3566

Deuteranopia

92.6209, 0.3247, 0.3378



Tritanopia

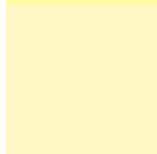
92.3895, 0.3151, 0.3204

Trichromacy



Original Color

92.6033, 0.3695, 0.4187



Protanomaly

92.4260, 0.3486, 0.3796



Deuteranomaly

92.3356, 0.3419, 0.3676



Tritanomaly

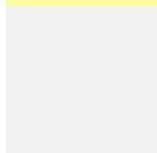
92.2860, 0.3352, 0.3556

Monochromacy



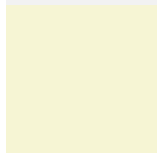
Original Color

92.6033, 0.3695, 0.4187



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

89.6511, 0.3336, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6033, 0.3695, 0.4187 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(254, 251, 160)` looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 160)  
}
```

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(254, 251, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 160) }
```

Border

The CSS property to change the border of an element to Yxy 92.6033, 0.3695, 0.4187 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(254, 251, 160) }
```

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

```
.border{ border-color:rgb(254, 251, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 251, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 160);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6033, 0.3695, 0.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 251, 160) }
```

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

```
.background{ background-color: rgb(254,  
251, 160) }
```

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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