

Converting Colors

$Yxy(93.0718, 0.3696, 0.4182)$

Have a look what the booklet for
Yxy(93.0718, 0.3696, 0.4182)
contains.

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Color

Yxy(92.8276, 0.3696, 0.4176)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBA1
RGB	255, 251, 161
RGB Percent	100%, 98%, 63%
CMY	0.0002, 0.0156, 0.3686
CMYK	0.00, 0.02, 0.37, 0.00
HSL	57°, 100%, 82%
HSV	57°, 37%, 100%
XYZ	82.1578, 92.8276, 47.3030
YIQ	241.9360, 31.2740, -27.1420

Conversions

Conversions Part 2

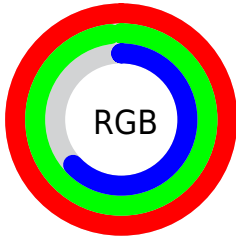
Format	Color
RYB	165, 255, 161
Decimal	16776097
CIELab	97.16, -11.46, 43.62
CIELCh	97, 45.104, 104.714
Yxy	92.8276, 0.3696, 0.4176
Android (android.graphics.Color)	4294966177 (0xFFFFFBA1)
YUV	241.9360, -39.9014, 11.4571
Hunter-Lab	96.3471, -16.3956, 38.3337

Details

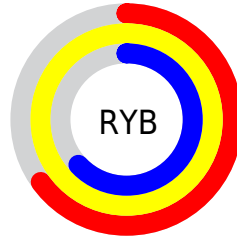
The Yxy color **92.8276, 0.3696, 0.4176** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.6798, 0.2456, 0.2216**, and the grayscale version is **89.0409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **51.9832, 0.3800, 0.4366** is the 20% darker color. If you saturate the color by 10%, you get **91.3568, 0.3842, 0.4399**, and if you desaturate by 10%, it is **94.4940, 0.3541, 0.3938**.

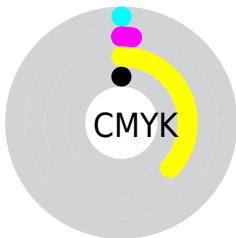
Distribution



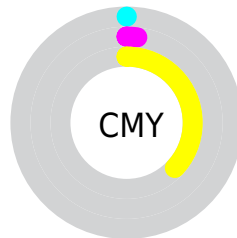
- Red (100%)
- Green (98%)
- Blue (63%)



- Red (65%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8276, 0.3696, 0.4176 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 92.8276, 0.3696, 0.4176 by changing the saturation by 10% instead.


 92.8276, 0.3696,
0.4176


 92.8276, 0.3696,
0.4176


537.1866, 0.3455,
0.3782

 70.3282, 0.3745,
0.4261


 151.2599, 0.3617,
0.4043

 51.7942, 0.3802,
0.4363

 187.9616, 0.3585,
0.3990

 36.8410, 0.3868,
0.4487


230.1662, 0.3557,
0.3944

 25.0844, 0.3946,
0.4640

278.2581, 0.3532,
0.3904

 16.1400, 0.4036,
0.4831

332.6218, 0.3510,
0.3868

 9.6233, 0.4133,
0.5072


393.6414, 0.3490,


 5.1499, 0.4295,

0.3836


0.5468

461.7016, 0.3472,
0.3808

 2.3355, 0.4252,
0.5748

 0.7924, 0.3740,
0.6260


 92.8276, 0.3696,
0.4176


 92.8276, 0.3696,
0.4176


 91.3568, 0.3842,
0.4399


 94.4940, 0.3541,
0.3938

 90.0576, 0.3974,
0.4596

 96.3537, 0.3384,
0.3694

 88.9219, 0.4085,
0.4757

 98.4203, 0.3230,
0.3452

 87.9356, 0.4171,
0.4878

99.9916, 0.3127,
0.3290

■ 87.0820, 0.4230,
0.4953

■ 86.3402, 0.4262,
0.4986

■ 86.1198, 0.4270,
0.4992

Harmonies

Analogous

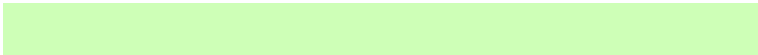
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8276, 0.4034, 0.3949



92.8276, 0.3696, 0.4176



92.8276, 0.3220, 0.4145

Triad

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



92.8276, 0.3696, 0.4176



92.8276, 0.2223, 0.2868



92.8276, 0.3481, 0.2834

Complementary

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



92.8276, 0.3696, 0.4176



41.6798, 0.2456, 0.2216

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.



92.8276, 0.2970, 0.2586



92.8276, 0.3696, 0.4176



92.8276, 0.2278, 0.2581

Square

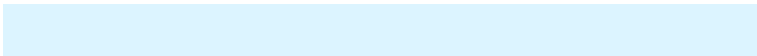
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.8276, 0.3696, 0.4176



92.8276, 0.2384, 0.3323



92.8276, 0.2539, 0.2491



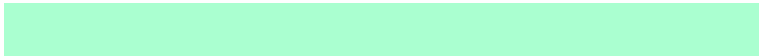
92.8276, 0.3918, 0.3188

Rectangle

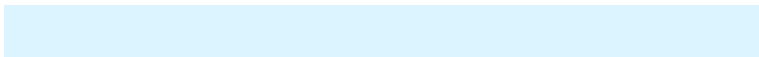
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.8276, 0.3696, 0.4176



92.8276, 0.2893, 0.3955



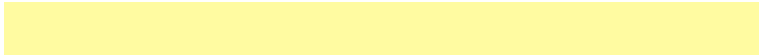
92.8276, 0.2539, 0.2491



92.8276, 0.3310, 0.2737

Sweetspot

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



92.8318, 0.3696, 0.4176



97.5760, 0.3293, 0.3551



49.4823, 0.3986, 0.3243



20.8252, 0.3314, 0.3584



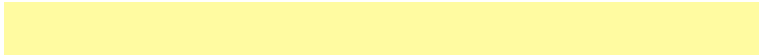
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

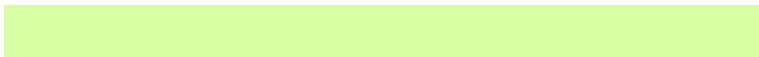
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.8318, 0.3696, 0.4176



91.7952, 0.3802, 0.4337



88.1624, 0.3395, 0.4306



20.9525, 0.3270, 0.3515



45.0747, 0.4268, 0.4993



4.4276, 0.4259, 0.5000

Inverse Universe

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



41.6798, 0.2456, 0.2216



34.0649, 0.2304, 0.1969



45.4415, 0.2756, 0.2257



17.4996, 0.2978, 0.3054



3.9465, 0.1507, 0.0625



0.4253, 0.1523, 0.0684

Previews

White Background



This preview shows how the Yxy color 92.8276, 0.3696, 0.4176 looks on a white background.

Color Contrast Check

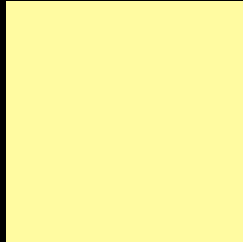
Large Text (above 18pt) WCAG AA × Fail

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 92.8276, 0.3696, 0.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

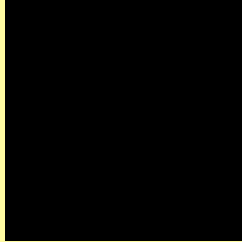
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.8276, 0.3696, 0.4176

Background



This preview shows how black text looks on a background with the Yxy color 92.8276, 0.3696, 0.4176.

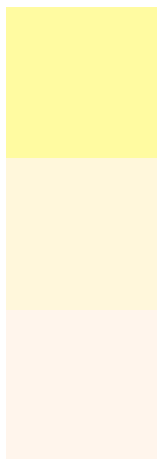


This preview shows how white text looks on a background with the Yxy color 92.8276, 0.3696, 0.4176.

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

92.8276, 0.3696, 0.4176

Protanopia

92.8960, 0.3350, 0.3566

Deuteranopia

92.6209, 0.3247, 0.3378



Tritanopia

92.9264, 0.3156, 0.3223

Trichromacy



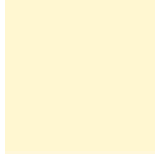
Original Color

92.8276, 0.3696, 0.4176



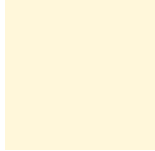
Protanomaly

92.4720, 0.3480, 0.3786



Deuteranomaly

92.3850, 0.3413, 0.3666



Tritanomaly

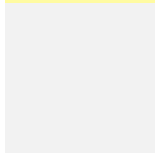
92.8435, 0.3357, 0.3576

Monochromacy



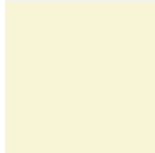
Original Color

92.8276, 0.3696, 0.4176



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 92.8276, 0.3696, 0.4176 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, 251, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 161)  
}
```

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, 251, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 161) }
```

Border

The CSS property to change the border of an element to Yxy 92.8276, 0.3696, 0.4176 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, 251, 161) }
```

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

```
.border{ border-color:rgb(255, 251, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 251, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 251, 161); box-shadow:4px 4px 4px 4px rgb(255, 251, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8276, 0.3696, 0.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 161) }
```

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

```
.background{ background-color: rgb(255,  
251, 161) }
```

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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