

Converting Colors

$Y_{xy}(92.0621, 0.3706, 0.4175)$

Have a look what the booklet for
Yxy(92.0621, 0.3706, 0.4175)
contains.

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Color

Yxy(92.1693, 0.3705, 0.4177)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAA0
RGB	255, 250, 160
RGB Percent	100%, 98%, 63%
CMY	0.0002, 0.0195, 0.3726
CMYK	0.00, 0.02, 0.37, 0.00
HSL	57°, 100%, 81%
HSV	57°, 37%, 100%
XYZ	81.7542, 92.1693, 46.7356
YIQ	241.2350, 31.8700, -26.9300

Conversions

Conversions Part 2

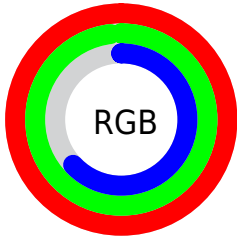
Format	Color
RYB	165, 255, 160
Decimal	16775840
CIELab	96.89, -11.08, 43.77
CIELCh	97, 45.152, 104.207
Yxy	92.1693, 0.3705, 0.4177
Android (android.graphics.Color)	4294965920 (0xFFFFFAA0)
YUV	241.2350, -40.0489, 12.0719
Hunter-Lab	96.0048, -16.0044, 38.3407

Details

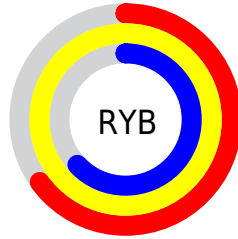
The Yxy color **92.1693, 0.3705, 0.4177** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.5674, 0.2449, 0.2215**, and the grayscale version is **88.4569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **51.5154, 0.3812, 0.4367** is the 20% darker color. If you saturate the color by 10%, you get **90.5532, 0.3853, 0.4397**, and if you desaturate by 10%, it is **93.9825, 0.3549, 0.3941**.

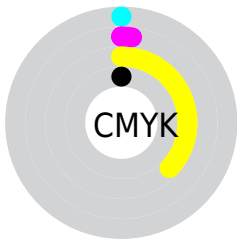
Distribution



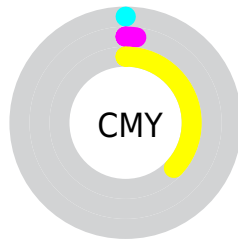
- Red (100%)
- Green (98%)
- Blue (63%)



- 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 92.1693, 0.3705, 0.4177 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 92.1693, 0.3705, 0.4177 by changing the saturation by 10% instead.


 92.1693, 0.3705,
0.4177

 92.1693, 0.3705,
0.4177


535.0625, 0.3460,
0.3782

 69.7813, 0.3755,
0.4262


 150.3480, 0.3625,
0.4044

 51.3482, 0.3813,
0.4364


 186.9075, 0.3592,
0.3991

 36.4858, 0.3881,
0.4488


228.9595, 0.3564,
0.3945

 24.8096, 0.3961,
0.4641

276.8886, 0.3538,
0.3905

 15.9353, 0.4052,
0.4832

331.0790, 0.3515,
0.3869

 9.4784, 0.4151,
0.5072

391.9152, 0.3495,

 5.0545, 0.4326,

0.3837

0.5478

459.7816, 0.3477,
0.3808

■ 2.2793, 0.4268,
0.5732

■ 0.7627, 0.3733,
0.6267

■ 92.1693, 0.3705,
0.4177

■ 92.1693, 0.3705,
0.4177

■ 90.5532, 0.3853,
0.4397

■ 93.9825, 0.3549,
0.3941

■ 89.1103, 0.3986,
0.4592

■ 95.9905, 0.3391,
0.3699

■ 87.8323, 0.4099,
0.4751

■ 98.2070, 0.3236,
0.3459

■ 86.7050, 0.4187,
0.4869

99.9889, 0.3127,
0.3290

■ 85.7117, 0.4247,
0.4942

■ 84.8308, 0.4281,
0.4973

■ 84.5988, 0.4288,
0.4977

Harmonies

Analogous

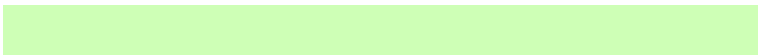
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1693, 0.4041, 0.3945



92.1693, 0.3705, 0.4177



92.1693, 0.3229, 0.4152

Triad

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



92.1693, 0.3705, 0.4177



92.1693, 0.2221, 0.2873



92.1693, 0.3473, 0.2827

Complementary

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



92.1693, 0.3705, 0.4177



41.5674, 0.2449, 0.2215

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.



92.1693, 0.2961, 0.2581



92.1693, 0.3705, 0.4177



92.1693, 0.2273, 0.2582

Square

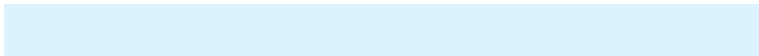
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.1693, 0.3705, 0.4177



92.1693, 0.2386, 0.3331



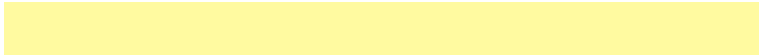
92.1693, 0.2531, 0.2489



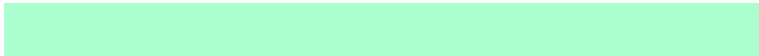
92.1693, 0.3915, 0.3181

Rectangle

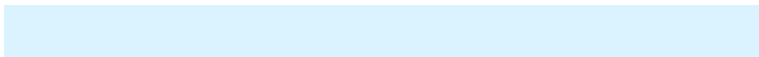
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.1693, 0.3705, 0.4177



92.1693, 0.2900, 0.3964



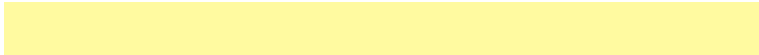
92.1693, 0.2531, 0.2489



92.1693, 0.3302, 0.2731

Sweetspot

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



92.1735, 0.3705, 0.4177



97.4001, 0.3294, 0.3549



49.1537, 0.3984, 0.3226



20.7829, 0.3315, 0.3581



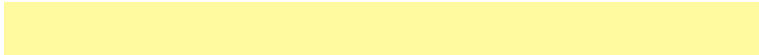
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

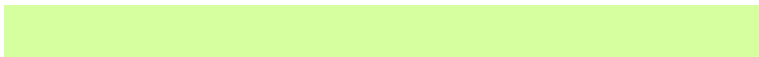
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1735, 0.3705, 0.4177



90.9483, 0.3821, 0.4350



88.2861, 0.3408, 0.4314



20.9200, 0.3270, 0.3513



44.2979, 0.4287, 0.4978



4.3606, 0.4275, 0.4988

Inverse Universe

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



41.5674, 0.2449, 0.2215



33.4341, 0.2285, 0.1948



44.7927, 0.2739, 0.2241



17.5285, 0.2978, 0.3057



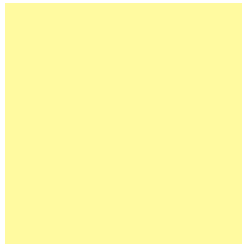
3.9876, 0.1509, 0.0631



0.4390, 0.1529, 0.0703

Previews

White Background



This preview shows how the Yxy color 92.1693, 0.3705, 0.4177 looks on a white background.

Color Contrast Check

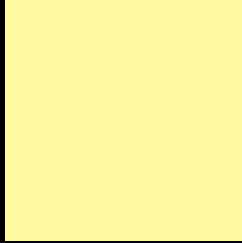
Large Text (above 18pt) WCAG AA × Fail

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 92.1693, 0.3705, 0.4177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

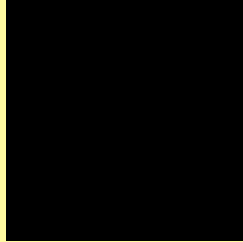
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.1693, 0.3705, 0.4177

Background



This preview shows how black text looks on a background with the Yxy color 92.1693, 0.3705, 0.4177.

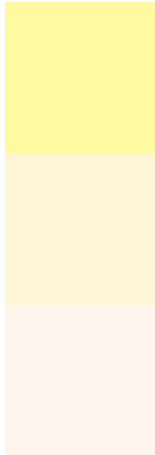


This preview shows how white text looks on a background with the Yxy color 92.1693, 0.3705, 0.4177.

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

92.1693, 0.3705, 0.4177

Protanopia

92.1294, 0.3371, 0.3586

Deuteranopia

91.9595, 0.3254, 0.3378



Tritanopia

92.3262, 0.3157, 0.3213

Trichromacy



Original Color

92.1693, 0.3705, 0.4177



Protanomaly

91.7671, 0.3494, 0.3796



Deuteranomaly

91.7256, 0.3421, 0.3666



Tritanomaly

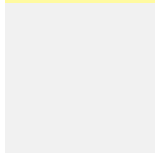
92.2335, 0.3358, 0.3566

Monochromacy



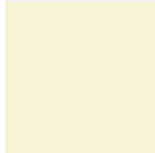
Original Color

92.1693, 0.3705, 0.4177



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.0477, 0.3337, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1693, 0.3705, 0.4177 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 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(255, 250, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 160) }
```

Border

The CSS property to change the border of an element to Yxy 92.1693, 0.3705, 0.4177 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, 160) }
```

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

```
.border{ border-color:rgb(255, 250, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1693, 0.3705, 0.4177 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, 160) }
```

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

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