

Converting Colors

$Yxy(96.3732, 0.3498, 0.3915)$

Have a look what the booklet for
Yxy(96.3732, 0.3498, 0.3915)
contains.

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Color

Yxy(96.3966, 0.3495, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFC0
RGB	254, 255, 192
RGB Percent	100%, 100%, 75%
CMY	0.0040, 0.0000, 0.2470
CMYK	0.00, 0.00, 0.25, 0.00
HSL	61°, 100%, 88%
HSV	61°, 25%, 100%
XYZ	86.1432, 96.3966, 63.9358
YIQ	247.5190, 19.6270, -19.8050

Conversions

Conversions Part 2

Format	Color
R_{YB}	192, 255, 193
Decimal	16711616
CIE _{Lab}	98.59, -10.05, 30.09
CIE _{LCh}	99, 31.724, 108.466
Yxy	96.3966, 0.3495, 0.3911
Android (android.graphics.Color)	4294901696 (0xFFFEFFC0)
YUV	247.5190, -27.3709, 5.6838
Hunter-Lab	98.1818, -15.2049, 30.1177

Details

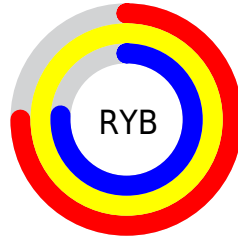
The Yxy color **96.3966, 0.3495, 0.3911** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.2605, 0.2708, 0.2586**, and the grayscale version is **93.6672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **54.0935, 0.3571, 0.4041** is the 20% darker color. If you saturate the color by 10%, you get **95.2821, 0.3642, 0.4161**, and if you desaturate by 10%, it is **97.7015, 0.3345, 0.3656**.

Distribution



- Red (100%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.3966, 0.3495, 0.3911 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 96.3966, 0.3495, 0.3911 by changing the saturation by 10% instead.


 96.3966, 0.3495,
0.3911

 96.3966, 0.3495,
0.3911

548.6264, 0.3337,
0.3634

 73.2979, 0.3528,
0.3971


 156.1927, 0.3443,
0.3817

 54.2196, 0.3567,
0.4045

193.6588, 0.3422,
0.3780

 38.7773, 0.3614,
0.4135


236.6829, 0.3403,
0.3748

 26.5865, 0.3672,
0.4249

285.6494, 0.3387,
0.3719

 17.2629, 0.3743,
0.4397

340.9425, 0.3373,
0.3694

 10.4221, 0.3831,
0.4594


402.9468, 0.3360,


 5.6797, 0.3938,

0.3672

0.4867


472.0467, 0.3348,
0.3652


 2.6513, 0.4230,
0.5486


 0.9525, 0.4088,
0.5912


 96.3966, 0.3495,
0.3911


 96.3966, 0.3495,
0.3911

 95.2821, 0.3642,
0.4161


 97.7015, 0.3345,
0.3656

 94.3563, 0.3780,
0.4396

 99.2146, 0.3196,
0.3405

 93.6054, 0.3903,
0.4607

100.0000, 0.3127,
0.3290

 93.0173, 0.4006,
0.4784

■ 92.5782, 0.4083,
0.4921

■ 92.2721, 0.4134,
0.5012

■ 92.0795, 0.4159,
0.5062

■ 92.0087, 0.4165,
0.5075

Harmonies

Analogous

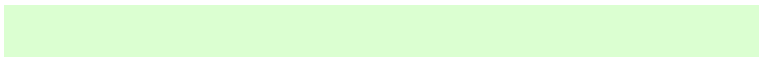
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.3966, 0.3742, 0.3789



96.3966, 0.3495, 0.3911



96.3966, 0.3157, 0.3851

Triad

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



96.3966, 0.3495, 0.3911



96.3966, 0.2479, 0.2972



96.3966, 0.3419, 0.2995

Complementary

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



96.3966, 0.3495, 0.3911



56.2605, 0.2708, 0.2586

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.



96.3966, 0.3066, 0.2802



96.3966, 0.3495, 0.3911



96.3966, 0.2538, 0.2776

Square

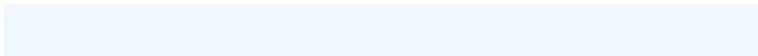
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.3966, 0.3495, 0.3911



96.3966, 0.2580, 0.3278



96.3966, 0.2747, 0.2721



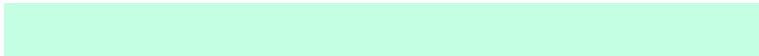
96.3966, 0.3702, 0.3262

Rectangle

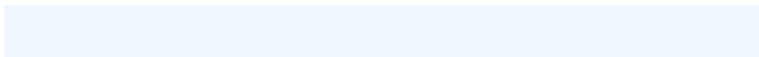
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.3966, 0.3495, 0.3911



96.3966, 0.2929, 0.3707



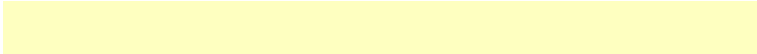
96.3966, 0.2747, 0.2721



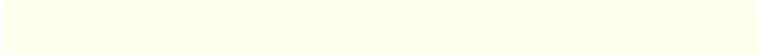
96.3966, 0.3304, 0.2920

Sweetspot

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



96.3938, 0.3495, 0.3911



98.8487, 0.3229, 0.3462



62.7665, 0.3650, 0.3292



21.1375, 0.3238, 0.3477



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

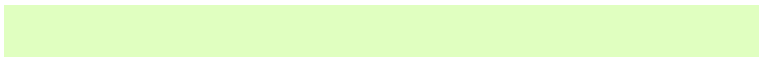
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3938, 0.3495, 0.3911



95.7813, 0.3574, 0.4044



91.0937, 0.3292, 0.3954



21.0749, 0.3267, 0.3525



48.0834, 0.4165, 0.5075



4.6863, 0.4169, 0.5072

Inverse Universe

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



56.2605, 0.2708, 0.2586



48.9314, 0.2602, 0.2410



60.6884, 0.2922, 0.2628



17.3917, 0.2981, 0.3044



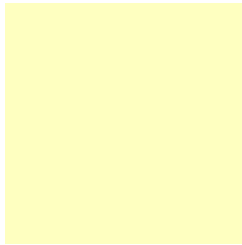
3.7925, 0.1505, 0.0603



0.3740, 0.1516, 0.0609

Previews

White Background



This preview shows how the Yxy color 96.3966, 0.3495, 0.3911 looks on a white background.

Color Contrast Check

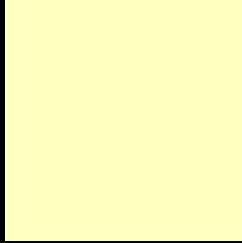
Large Text (above 18pt) WCAG AA × Fail

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 96.3966, 0.3495, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

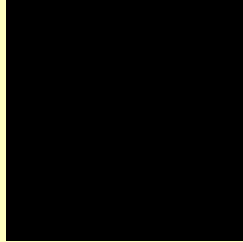
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.3966, 0.3495, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 96.3966, 0.3495, 0.3911.

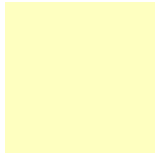


This preview shows how white text looks on a background with the Yxy color 96.3966, 0.3495, 0.3911.

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

96.3966, 0.3495, 0.3911



Protanopia

96.4864, 0.3224, 0.3406

Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

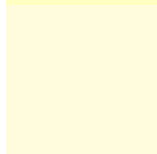
96.2314, 0.3130, 0.3233

Trichromacy



Original Color

96.3966, 0.3495, 0.3911



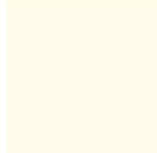
Protanomaly

96.1547, 0.3325, 0.3583



Deuteranomaly

96.4269, 0.3295, 0.3534



Tritanomaly

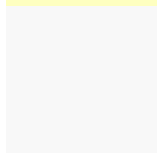
96.0806, 0.3266, 0.3475

Monochromacy



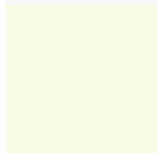
Original Color

96.3966, 0.3495, 0.3911



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.9198, 0.3257, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.3966, 0.3495, 0.3911 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, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 192)  
}
```

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, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 192) }
```

Border

The CSS property to change the border of an element to Yxy 96.3966, 0.3495, 0.3911 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, 255, 192) }
```

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

```
.border{ border-color:rgb(254, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3966, 0.3495, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 192) }
```

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

```
.background{ background-color: rgb(254,  
255, 192) }
```

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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