

Converting Colors

$Yxy(93.3360, 0.3675, 0.4168)$

Have a look what the booklet for
Yxy(93.3360, 0.3675, 0.4168)
contains.

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Color

Yxy(93.3360, 0.3675, 0.4168)

Conversions

Conversions Part 1

Format	Color
Hex	FEFCA3
RGB	254, 252, 163
RGB Percent	100%, 99%, 64%
CMY	0.0038, 0.0118, 0.3610
CMYK	0.00, 0.01, 0.36, 0.00
HSL	59°, 98%, 82%
HSV	59°, 36%, 100%
XYZ	82.2960, 93.3360, 48.3027
YIQ	242.4520, 29.7610, -27.2550

Conversions

Conversions Part 2

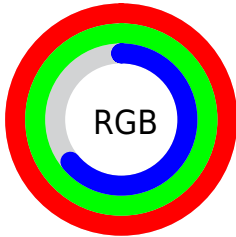
Format	Color
R _Y B	165, 254, 163
Decimal	16710819
CIE Lab	97.36, -12.08, 42.92
CIE LCh	97, 44.588, 105.717
Yxy	93.3360, 0.3675, 0.4168
Android (android.graphics.Color)	4294900899 (0xFFFEFCA3)
YUV	242.4520, -39.1698, 10.1276
Hunter-Lab	96.6106, -17.0164, 37.9840

Details

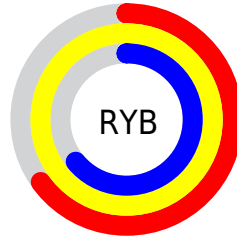
The Yxy color **93.3360, 0.3675, 0.4168** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.8357, 0.2474, 0.2229**, and the grayscale version is **89.4701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **52.3414, 0.3773, 0.4357** is the 20% darker color. If you saturate the color by 10%, you get **92.1667, 0.3819, 0.4396**, and if you desaturate by 10%, it is **94.6976, 0.3523, 0.3925**.

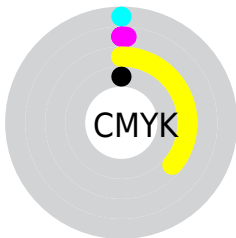
Distribution



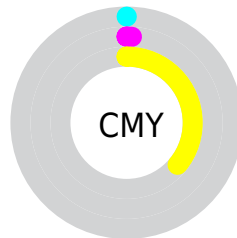
- Red (100%)
- Green (99%)
- Blue (64%)



- Red (65%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.3360, 0.3675, 0.4168 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 93.3360, 0.3675, 0.4168 by changing the saturation by 10% instead.


 93.3360, 0.3675,
0.4168

 93.3360, 0.3675,
0.4168


538.8240, 0.3444,
0.3777

 70.7508, 0.3722,
0.4252


 151.9637, 0.3599,
0.4036

 52.1389, 0.3777,
0.4354


 188.7750, 0.3569,
0.3984

 37.1158, 0.3841,
0.4477

231.0972, 0.3542,
0.3938

 25.2971, 0.3916,
0.4630

279.3145, 0.3517,
0.3898

 16.2986, 0.4002,
0.4823

333.8115, 0.3496,
0.3862

 9.7357, 0.4096,
0.5066

394.9725, 0.3477,

 5.2241, 0.4239,

0.3831

0.5450

463.1818, 0.3459,
0.3802

■ 2.3793, 0.4221,
0.5779

■ 0.8152, 0.3706,
0.6294

■ 93.3360, 0.3675,
0.4168

■ 93.3360, 0.3675,
0.4168

■ 92.1667, 0.3819,
0.4396

■ 94.6976, 0.3523,
0.3925

■ 91.1661, 0.3948,
0.4598

■ 96.2490, 0.3367,
0.3677

■ 90.3262, 0.4056,
0.4765

■ 98.0038, 0.3214,
0.3430

■ 89.6331, 0.4139,
0.4892

■ 99.3398, 0.3121,
0.3283

■ 89.0708, 0.4195,
0.4973

99.6979, 0.3121,
0.3288

■ 88.6192, 0.4225,
0.5013

99.8147, 0.3121,
0.3290

■ 88.4523, 0.4233,
0.5021

Harmonies

Analogous

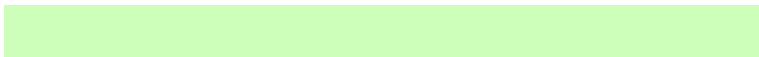
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3360, 0.4015, 0.3951



93.3360, 0.3675, 0.4168



93.3360, 0.3203, 0.4127

Triad

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



93.3360, 0.3675, 0.4168



93.3360, 0.2233, 0.2862



93.3360, 0.3493, 0.2850

Complementary

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



93.3360, 0.3675, 0.4168



41.8357, 0.2474, 0.2229

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.



93.3360, 0.2988, 0.2600



93.3360, 0.3675, 0.4168



93.3360, 0.2294, 0.2584

Square

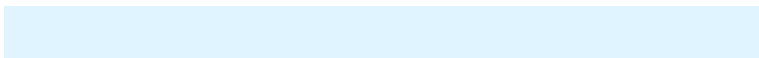
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.3360, 0.3675, 0.4168



93.3360, 0.2385, 0.3306



93.3360, 0.2558, 0.2501



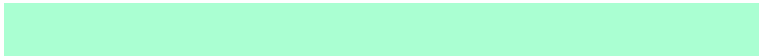
93.3360, 0.3918, 0.3202

Rectangle

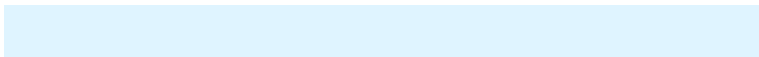
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.3360, 0.3675, 0.4168



93.3360, 0.2881, 0.3933



93.3360, 0.2558, 0.2501



93.3360, 0.3325, 0.2753

Sweetspot

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



93.3402, 0.3675, 0.4168



97.9275, 0.3293, 0.3556



50.0032, 0.3968, 0.3260



20.9096, 0.3313, 0.3590



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

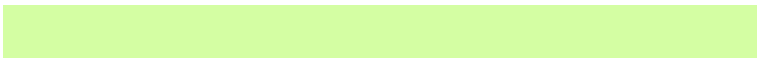
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3402, 0.3675, 0.4168



93.2953, 0.3779, 0.4333



87.4651, 0.3379, 0.4279



21.0176, 0.3270, 0.3520



46.6553, 0.4232, 0.5022



4.5637, 0.4227, 0.5025

Inverse Universe

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



41.8357, 0.2474, 0.2229



34.3820, 0.2321, 0.1978



46.3759, 0.2780, 0.2291



17.4421, 0.2978, 0.3050



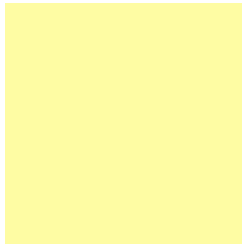
3.8646, 0.1504, 0.0613



0.3980, 0.1513, 0.0645

Previews

White Background



This preview shows how the Yxy color 93.3360, 0.3675, 0.4168 looks on a white background.

Color Contrast Check

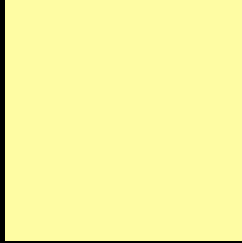
Large Text (above 18pt) WCAG AA × Fail

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 93.3360, 0.3675, 0.4168 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 93.3360, 0.3675, 0.4168

Background



This preview shows how black text looks on a background with the Yxy color 93.3360, 0.3675, 0.4168.



This preview shows how white text looks on a background with the Yxy color 93.3360, 0.3675, 0.4168.

Color Blindness Simulation

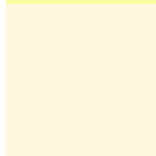
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



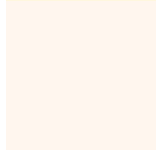
Original Color

93.3360, 0.3675, 0.4168



Protanopia

93.0555, 0.3332, 0.3536



Deuteranopia

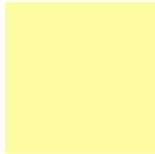
93.3446, 0.3234, 0.3368



Tritanopia

92.9896, 0.3150, 0.3213

Trichromacy



Original Color

93.3360, 0.3675, 0.4168



Protanomaly

93.2284, 0.3459, 0.3765



Deuteranomaly

93.0980, 0.3399, 0.3655



Tritanomaly

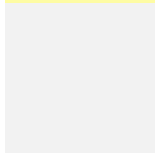
92.9488, 0.3344, 0.3556

Monochromacy



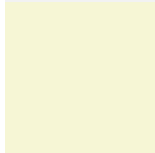
Original Color

93.3360, 0.3675, 0.4168



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3085, 0.3328, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3360, 0.3675, 0.4168 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, 252, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 163)  
}
```

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, 252, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 163) }
```

Border

The CSS property to change the border of an element to Yxy 93.3360, 0.3675, 0.4168 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, 252, 163) }
```

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

```
.border{ border-color:rgb(254, 252, 163) }
```

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

Here you see how a box with a 4 pixel rgb(254, 252, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 163);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3360, 0.3675, 0.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 163) }
```

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

```
.background{ background-color: rgb(254,  
252, 163) }
```

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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