

Converting Colors

$Yxy(79.7492, 0.3946, 0.4261)$

Have a look what the booklet for
Yxy(79.7492, 0.3946, 0.4261)
contains.

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Color

Yxy(79.5471, 0.3945, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	FFE685
RGB	255, 230, 133
RGB Percent	100%, 90%, 52%
CMY	0.0001, 0.0980, 0.4782
CMYK	0.00, 0.10, 0.48, 0.00
HSL	48°, 100%, 76%
HSV	48°, 48%, 100%
XYZ	73.7690, 79.5471, 33.6776
YIQ	226.4170, 46.0370, -24.8670

Conversions

Conversions Part 2

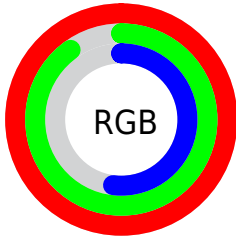
Format	Color
R_{YB}	164, 255, 133
Decimal	16770693
CIE _{Lab}	91.48, -3.79, 50.06
CIE _{LCh}	91, 50.199, 94.324
Yxy	79.5471, 0.3945, 0.4254
Android (android.graphics.Color)	4294960773 (0xFFFFE685)
YUV	226.4170, -46.0546, 25.0673
Hunter-Lab	89.1892, -8.4425, 40.0447

Details

The Yxy color **79.5471, 0.3945, 0.4254** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.6757, 0.2268, 0.2081**, and the grayscale version is **76.6906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **42.9898, 0.4099, 0.4452** is the 20% darker color. If you saturate the color by 10%, you get **76.0654, 0.4119, 0.4426**, and if you desaturate by 10%, it is **83.2944, 0.3765, 0.4061**.

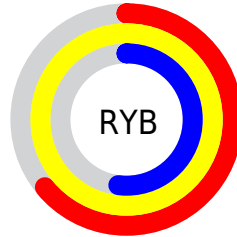
Distribution



Red (100%)

Green (90%)

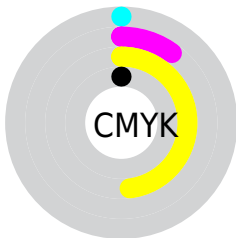
Blue (52%)



Red (64%)

Yellow (100%)

Blue (52%)

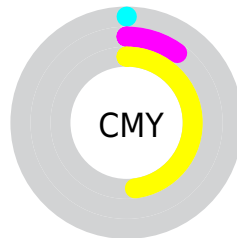


Cyan (0%)

Magenta (10%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5471, 0.3945, 0.4254 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 79.5471, 0.3945, 0.4254 by changing the saturation by 10% instead.


 79.5471, 0.3945,
0.4254

 79.5471, 0.3945,
0.4254


493.4052, 0.3588,
0.3826


 59.3457, 0.4018,
0.4344


 132.7288, 0.3827,
0.4111

 42.8915, 0.4104,
0.4451


 166.4779, 0.3780,
0.4054

 29.8000, 0.4204,
0.4577


 205.5117, 0.3738,
0.4004

 19.6868, 0.4320,
0.4728

250.2146, 0.3701,
0.3960

 12.1676, 0.4450,
0.4903

300.9711, 0.3668,
0.3921

 6.8579, 0.4628,
0.5150

358.1654, 0.3639,

 3.3734, 0.4696,

0.3886

0.5304

422.1820, 0.3612,
0.3854

■ 1.3296, 0.4630,
0.5370

■ 0.1640, 0.2790,
0.7210

■ 79.5471, 0.3945,
0.4254

■ 79.5471, 0.3945,
0.4254

■ 76.0654, 0.4119,
0.4426

■ 83.2944, 0.3765,
0.4061

■ 72.8248, 0.4278,
0.4565

■ 87.3083, 0.3585,
0.3856

■ 69.8139, 0.4415,
0.4663

■ 91.6035, 0.3411,
0.3648

■ 67.0151, 0.4523,
0.4714

■ 96.1903, 0.3247,
0.3444

■ 64.4051, 0.4603,
0.4718

99.9967, 0.3127,
0.3290

■ 63.8529, 0.4618,
0.4715

Harmonies

Analogous

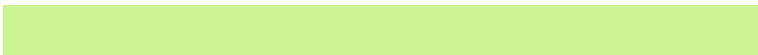
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5471, 0.4259, 0.3905



79.5471, 0.3945, 0.4254



79.5471, 0.3426, 0.4355

Triad

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



79.5471, 0.3945, 0.4254



79.5471, 0.2119, 0.2954



79.5471, 0.3329, 0.2648

Complementary

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



79.5471, 0.3945, 0.4254



36.6757, 0.2268, 0.2081

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.



79.5471, 0.2749, 0.2421



79.5471, 0.3945, 0.4254



79.5471, 0.2099, 0.2551

Square

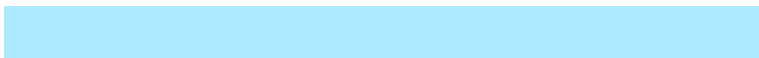
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5471, 0.3945, 0.4254



79.5471, 0.2382, 0.3532



79.5471, 0.2316, 0.2378



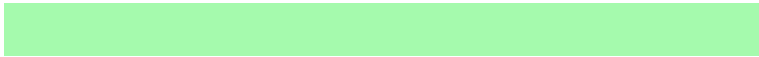
79.5471, 0.3899, 0.3015

Rectangle

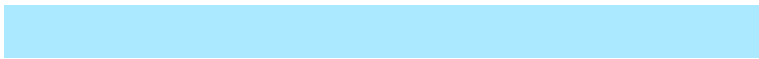
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5471, 0.3945, 0.4254



79.5471, 0.3041, 0.4218



79.5471, 0.2316, 0.2378



79.5471, 0.3127, 0.2554

Sweetspot

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



79.5508, 0.3945, 0.4254



93.3332, 0.3348, 0.3569



40.5683, 0.4161, 0.3019



19.7684, 0.3384, 0.3614



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

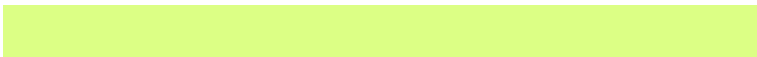
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5508, 0.3945, 0.4254



76.3521, 0.4105, 0.4413



88.4881, 0.3594, 0.4567



20.4216, 0.3274, 0.3478



33.5902, 0.4609, 0.4722



3.4225, 0.4553, 0.4767

Inverse Universe

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



36.6757, 0.2268, 0.2081



29.1002, 0.2091, 0.1804



32.2923, 0.2452, 0.1862



17.9803, 0.2979, 0.3095



5.2351, 0.1556, 0.0802



0.6567, 0.1610, 0.0994

Previews

White Background



This preview shows how the Yxy color 79.5471, 0.3945, 0.4254 looks on a white background.

Color Contrast Check

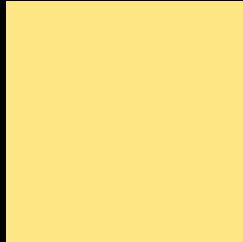
Large Text (above 18pt) WCAG AA × Fail

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 79.5471, 0.3945, 0.4254 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 79.5471, 0.3945, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 79.5471, 0.3945, 0.4254.



This preview shows how white text looks on a background with the Yxy color 79.5471, 0.3945, 0.4254.

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

79.5471, 0.3945, 0.4254

Protanopia

79.7279, 0.3926, 0.4269

Deuteranopia

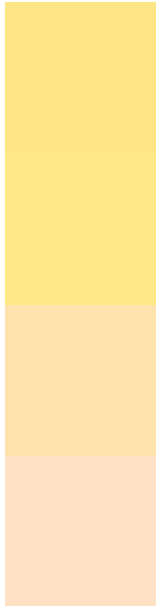
79.5478, 0.3553, 0.3616



Tritanopia

79.4431, 0.3282, 0.3171

Trichromacy



Original Color

79.5471, 0.3945, 0.4254

Protanomaly

79.9161, 0.3933, 0.4266

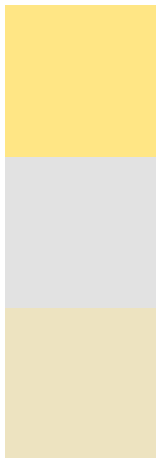
Deuteranomaly

79.1767, 0.3704, 0.3850

Tritanomaly

79.1416, 0.3535, 0.3575

Monochromacy



Original Color

79.5471, 0.3945, 0.4254

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.7485, 0.3432, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5471, 0.3945, 0.4254 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, 230, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 133)  
}
```

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, 230, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 133) }
```

Border

The CSS property to change the border of an element to Yxy 79.5471, 0.3945, 0.4254 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, 230, 133) }
```

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

```
.border{ border-color:rgb(255, 230, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5471, 0.3945, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 133) }
```

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

```
.background{ background-color: rgb(255,  
230, 133) }
```

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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