

Converting Colors

$Yxy(92.6757, 0.3504, 0.4139)$

Have a look what the booklet for
Yxy(92.6757, 0.3504, 0.4139)
contains.

Yxy(92.6757, 0.3504, 0.4139)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.6757, 0.3504, 0.4139)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFAC
RGB	238, 255, 172
RGB Percent	93%, 100%, 67%
CMY	0.0668, 0.0000, 0.3255
CMYK	0.07, 0.00, 0.33, 0.00
HSL	72°, 100%, 84%
HSV	72°, 33%, 100%
XYZ	78.4575, 92.6757, 52.7752
YIQ	240.4550, 16.5110, -29.4170

Conversions

Conversions Part 2

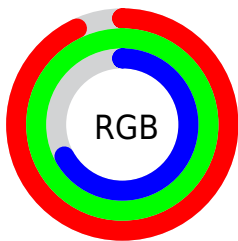
Format	Color
RYB	172, 255, 189
Decimal	15663020
CIELab	97.10, -18.45, 37.89
CIElCh	97, 42.143, 115.964
Yxy	92.6757, 0.3504, 0.4139
Android (android.graphics.Color)	4293853100 (0xFFEEFFAC)
YUV	240.4550, -33.7483, -2.1530
Hunter-Lab	96.2682, -22.9939, 34.8844

Details

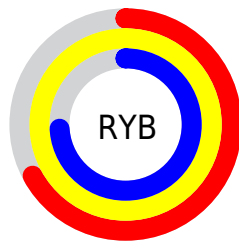
The Yxy color **92.6757, 0.3504, 0.4139** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.5414, 0.2659, 0.2350**, and the grayscale version is **87.7633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **51.5438, 0.3570, 0.4321** is the 20% darker color. If you saturate the color by 10%, you get **90.8902, 0.3610, 0.4403**, and if you desaturate by 10%, it is **94.6641, 0.3390, 0.3870**.

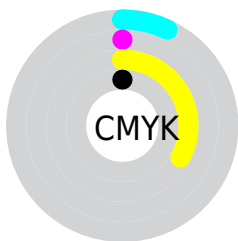
Distribution



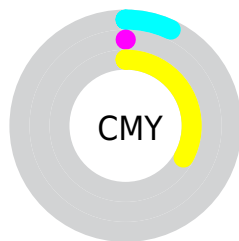
- Red (93%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6757, 0.3504, 0.4139 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 92.6757, 0.3504, 0.4139 by changing the saturation by 10% instead.

 92.6757, 0.3504,
0.4139

 92.6757, 0.3504,
0.4139

536.6969, 0.3347,
0.3754

 70.2020, 0.3535,
0.4224


 151.0495, 0.3453,
0.4007

 51.6912, 0.3572,
0.4328

187.7185, 0.3432,
0.3956

 36.7590, 0.3614,
0.4456


229.8879, 0.3414,
0.3911

 25.0210, 0.3662,
0.4618

277.9423, 0.3398,
0.3872

 16.0927, 0.3717,
0.4828

332.2660, 0.3383,
0.3837

 9.5898, 0.3773,
0.5108

393.2434, 0.3370,

 5.1278, 0.3827,

0.3806

0.5510

461.2589, 0.3358,
0.3779

■ 2.3224, 0.3855,
0.6145

■ 0.7856, 0.2738,
0.7262

■ 92.6757, 0.3504,
0.4139

■ 92.6757, 0.3504,
0.4139

■ 90.8902, 0.3610,
0.4403

■ 94.6641, 0.3390,
0.3870

■ 89.3136, 0.3702,
0.4653

■ 96.8827, 0.3273,
0.3606

■ 87.9283, 0.3774,
0.4876

■ 99.3351, 0.3156,
0.3352

■ 86.7205, 0.3823,
0.5063

100.0000, 0.3127,
0.3290

■ 85.6748, 0.3846,
0.5204

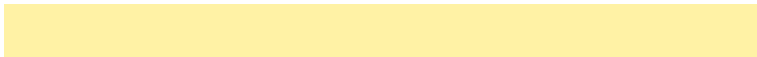
■ 84.7721, 0.3843,
0.5298

■ 84.1725, 0.3828,
0.5343

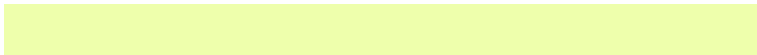
Harmonies

Analogous

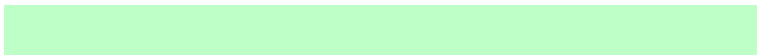
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6757, 0.3882, 0.4011



92.6757, 0.3504, 0.4139



92.6757, 0.3042, 0.4000

Triad

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



92.6757, 0.3504, 0.4139



92.6757, 0.2273, 0.2775



92.6757, 0.3628, 0.2978

Complementary

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



92.6757, 0.3504, 0.4139



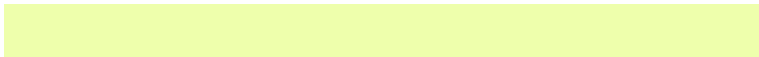
47.5414, 0.2659, 0.2350

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.



92.6757, 0.3159, 0.2700



92.6757, 0.3504, 0.4139



92.6757, 0.2400, 0.2571

Square

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



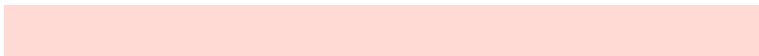
92.6757, 0.3504, 0.4139



92.6757, 0.2349, 0.3151



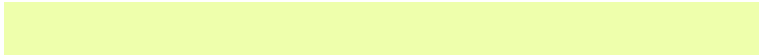
92.6757, 0.2712, 0.2553



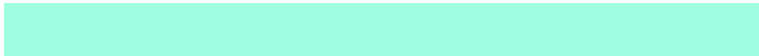
92.6757, 0.3969, 0.3336

Rectangle

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



92.6757, 0.3504, 0.4139



92.6757, 0.2750, 0.3763



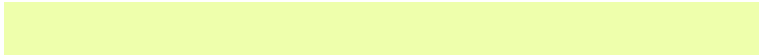
92.6757, 0.2712, 0.2553



92.6757, 0.3478, 0.2874

Sweetspot

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



92.6700, 0.3504, 0.4139



97.4864, 0.3243, 0.3540



60.4571, 0.3829, 0.3466



20.7946, 0.3259, 0.3576



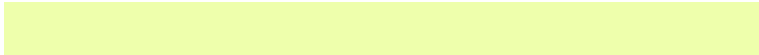
0.0000, 0.0000, 0.0000



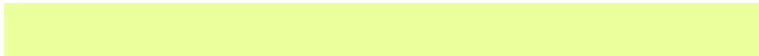
21.4041, 0.3127, 0.3290

Same Dimension

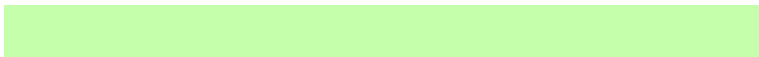
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6700, 0.3504, 0.4139



91.4988, 0.3573, 0.4311



86.3537, 0.3233, 0.4217



20.8915, 0.3237, 0.3527



44.0475, 0.3834, 0.5338



4.3340, 0.3877, 0.5304

Inverse Universe

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



47.5414, 0.2659, 0.2350



40.0708, 0.2545, 0.2135



53.5592, 0.2969, 0.2429



17.5572, 0.3011, 0.3046



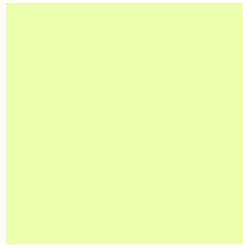
4.2086, 0.1601, 0.0656



0.4535, 0.1701, 0.0711

Previews

White Background



This preview shows how the Yxy color 92.6757, 0.3504, 0.4139 looks on a white background.

Color Contrast Check

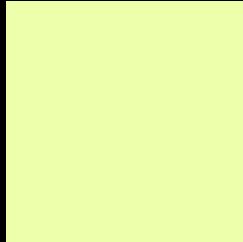
Large Text (above 18pt) WCAG AA × Fail

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 92.6757, 0.3504, 0.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

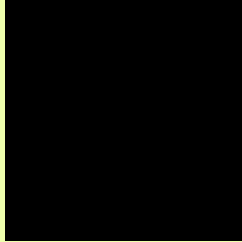
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6757, 0.3504, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 92.6757, 0.3504, 0.4139.

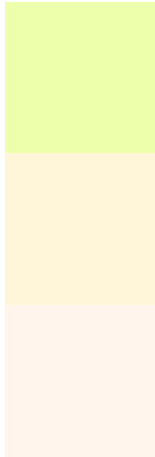


This preview shows how white text looks on a background with the Yxy color 92.6757, 0.3504, 0.4139.

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

92.6757, 0.3504, 0.4139

Protanopia

92.2335, 0.3358, 0.3566

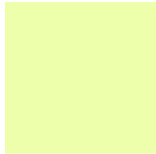
Deuteranopia

92.6209, 0.3247, 0.3378

Tritanopia

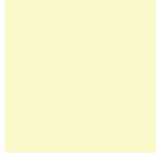
92.4813, 0.3087, 0.3193

Trichromacy



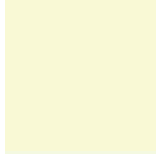
Original Color

92.6757, 0.3504, 0.4139



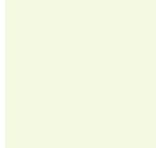
Protanomaly

92.1081, 0.3418, 0.3771



Deuteranomaly

92.6952, 0.3344, 0.3649



Tritanomaly

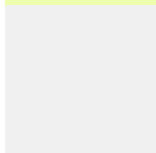
92.4207, 0.3238, 0.3530

Monochromacy



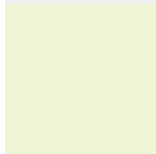
Original Color

92.6757, 0.3504, 0.4139



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5618, 0.3270, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6757, 0.3504, 0.4139 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(238, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 172)  
}
```

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(238, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 172) }
```

Border

The CSS property to change the border of an element to Yxy 92.6757, 0.3504, 0.4139 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(238, 255, 172) }
```

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

```
.border{ border-color:rgb(238, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6757, 0.3504, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 172) }
```

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

```
.background{ background-color: rgb(238,  
255, 172) }
```

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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