

Converting Colors

Yxy(90.8374, 0.3520, 0.4112)

Have a look what the booklet for
Yxy(90.8374, 0.3520, 0.4112)
contains.

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Color

Yxy(90.9501, 0.3518, 0.4110)

Conversions

Conversions Part 1

Format	Color
Hex	EFFCAC
RGB	239, 252, 172
RGB Percent	94%, 99%, 67%
CMY	0.0628, 0.0117, 0.3254
CMYK	0.05, 0.00, 0.32, 0.01
HSL	70°, 93%, 83%
HSV	70°, 32%, 99%
XYZ	77.8497, 90.9501, 52.4899
YIQ	238.9930, 17.9320, -27.6360

Conversions

Conversions Part 2

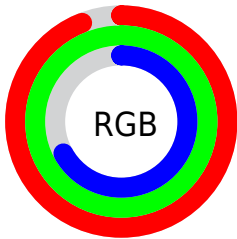
Format	Color
RYB	172, 252, 185
Decimal	15727788
CIELab	96.39, -16.62, 36.95
CIELCh	96, 40.520, 114.216
Yxy	90.9501, 0.3518, 0.4110
Android (android.graphics.Color)	4293917868 (0xFFEFFCAC)
YUV	238.9930, -33.0275, 0.0061
Hunter-Lab	95.3678, -21.1821, 34.1245

Details

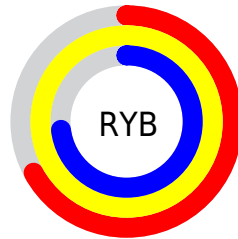
The Yxy color **90.9501, 0.3518, 0.4110** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.8615, 0.2649, 0.2372**, and the grayscale version is **86.5637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **50.3072, 0.3590, 0.4286** is the 20% darker color. If you saturate the color by 10%, you get **89.3694, 0.3632, 0.4370**, and if you desaturate by 10%, it is **92.7388, 0.3396, 0.3845**.

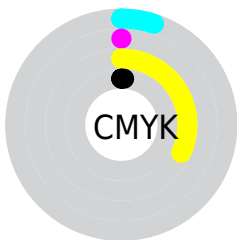
Distribution



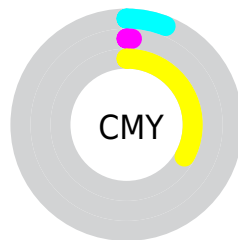
- Red (94%)
- Green (99%)
- Blue (67%)



- Red (67%)
- Yellow (99%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (32%)
- Black (1%)





- Cyan (6%)
- Magenta (1%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.9501, 0.3518, 0.4110 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 90.9501, 0.3518, 0.4110 by changing the saturation by 10% instead.


 90.9501, 0.3518,
0.4110

 90.9501, 0.3518,
0.4110


531.1167, 0.3353,
0.3738

 68.7689, 0.3551,
0.4192


 148.6574, 0.3464,
0.3983

 50.5235, 0.3590,
0.4293


184.9524, 0.3442,
0.3933

 35.8296, 0.3636,
0.4417


226.7207, 0.3423,
0.3889

 24.3026, 0.3689,
0.4574

274.3467, 0.3406,
0.3851

 15.5582, 0.3750,
0.4778

328.2150, 0.3391,
0.3818

 9.2121, 0.3816,
0.5050

388.7098, 0.3377,

 4.8798, 0.3888,

0.3788

0.5445

456.2156, 0.3365,
0.3762

■ 2.1769, 0.3939,
0.6061

■ 0.7074, 0.2737,
0.7263

■ 90.9501, 0.3518,
0.4110

■ 90.9501, 0.3518,
0.4110

■ 89.3694, 0.3632,
0.4370

■ 92.7388, 0.3396,
0.3845

■ 87.9740, 0.3733,
0.4614

■ 94.7329, 0.3272,
0.3584

■ 86.7563, 0.3816,
0.4831

■ 96.9456, 0.3148,
0.3332

■ 85.7035, 0.3874,
0.5012

■ 98.1075, 0.3128,
0.3262

■ 84.8006, 0.3907,
0.5148

■ 84.0299, 0.3914,
0.5238

■ 83.4705, 0.3903,
0.5283

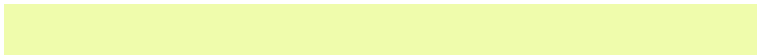
Harmonies

Analogous

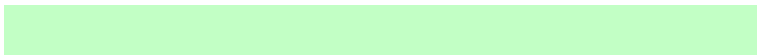
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9501, 0.3875, 0.3975



90.9501, 0.3518, 0.4110



90.9501, 0.3072, 0.3990

Triad

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



90.9501, 0.3518, 0.4110



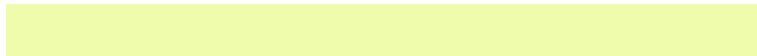
90.9501, 0.2297, 0.2809



90.9501, 0.3588, 0.2970

Complementary

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



90.9501, 0.3518, 0.4110



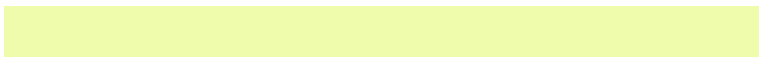
46.8615, 0.2649, 0.2372

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.



90.9501, 0.3131, 0.2705



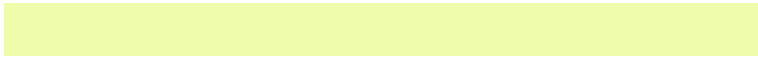
90.9501, 0.3518, 0.4110



90.9501, 0.2409, 0.2600

Square

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



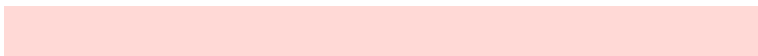
90.9501, 0.3518, 0.4110



90.9501, 0.2384, 0.3182



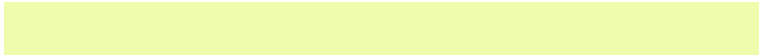
90.9501, 0.2704, 0.2571



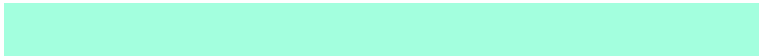
90.9501, 0.3928, 0.3315

Rectangle

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



90.9501, 0.3518, 0.4110



90.9501, 0.2786, 0.3770



90.9501, 0.2704, 0.2571



90.9501, 0.3441, 0.2870

Sweetspot

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



90.9542, 0.3518, 0.4110



97.6858, 0.3250, 0.3539



57.9650, 0.3819, 0.3419



20.8431, 0.3267, 0.3575



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

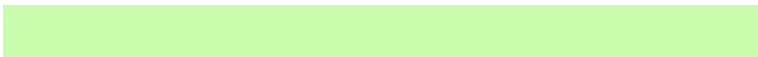
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9542, 0.3518, 0.4110



92.3804, 0.3591, 0.4274



84.8884, 0.3257, 0.4183



20.0393, 0.3244, 0.3526



43.5315, 0.3908, 0.5279



4.0687, 0.3944, 0.5250

Inverse Universe

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



46.8615, 0.2649, 0.2372



40.6932, 0.2534, 0.2160



52.3906, 0.2942, 0.2444



16.7788, 0.3004, 0.3046



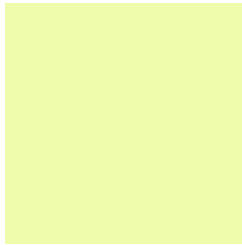
3.9484, 0.1569, 0.0638



0.4034, 0.1664, 0.0690

Previews

White Background



This preview shows how the Yxy color 90.9501, 0.3518, 0.4110 looks on a white background.

Color Contrast Check

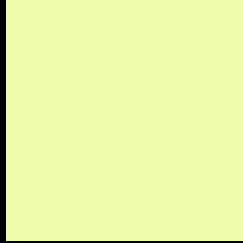
Large Text (above 18pt) WCAG AA × Fail

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 90.9501, 0.3518, 0.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

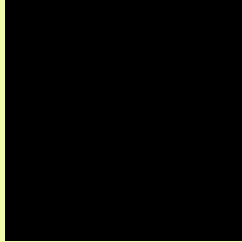
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.9501, 0.3518, 0.4110

Background



This preview shows how black text looks on a background with the Yxy color 90.9501, 0.3518, 0.4110.

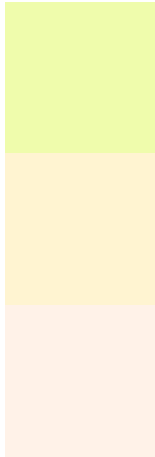


This preview shows how white text looks on a background with the Yxy color 90.9501, 0.3518, 0.4110.

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

90.9501, 0.3518, 0.4110

Protanopia

90.5648, 0.3418, 0.3637

Deuteranopia

90.5905, 0.3275, 0.3388



Tritanopia

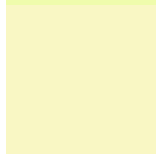
90.6807, 0.3088, 0.3164

Trichromacy



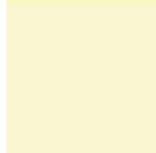
Original Color

90.9501, 0.3518, 0.4110



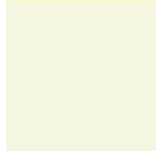
Protanomaly

90.6468, 0.3453, 0.3804



Deuteranomaly

90.7044, 0.3367, 0.3651



Tritanomaly

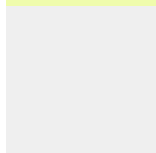
90.7603, 0.3248, 0.3501

Monochromacy



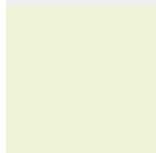
Original Color

90.9501, 0.3518, 0.4110



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.9584, 0.3271, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9501, 0.3518, 0.4110 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(239, 252, 172)` looks like.

```
.text, #text, p{  
    color:rgb(239, 252, 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(239, 252, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 252, 172) }
```

Border

The CSS property to change the border of an element to Yxy 90.9501, 0.3518, 0.4110 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(239, 252, 172) }
```

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

```
.border{ border-color:rgb(239, 252, 172) }
```

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

Here you see how a box with a 4 pixel rgb(239, 252, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 252, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 252, 172);  
box-shadow:4px 4px 4px 4px rgb(239, 252,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9501, 0.3518, 0.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 252, 172) }
```

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

```
.background{ background-color: rgb(239,  
252, 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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