

Converting Colors

Yxy(91.4727, 0.3491, 0.4163)

Have a look what the booklet for
Yxy(91.4727, 0.3491, 0.4163)
contains.

Yxy(91.2783, 0.3491, 0.4158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.2783, 0.3491, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	EAFEAA
RGB	234, 254, 170
RGB Percent	92%, 100%, 67%
CMY	0.0822, 0.0039, 0.3333
CMYK	0.08, 0.00, 0.33, 0.00
HSL	74°, 98%, 83%
HSV	74°, 33%, 100%
XYZ	76.6360, 91.2783, 51.6102
YIQ	238.4440, 15.0440, -30.3640

Conversions

Conversions Part 2

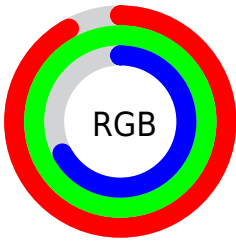
Format	Color
RYB	170, 254, 190
Decimal	15400618
CIELab	96.52, -19.65, 38.07
CIELCh	97, 42.839, 117.297
Yxy	91.2783, 0.3491, 0.4158
Android (android.graphics.Color)	4293590698 (0xFFEAFEAA)
YUV	238.4440, -33.7429, -3.8974
Hunter-Lab	95.5397, -24.0128, 34.8495

Details

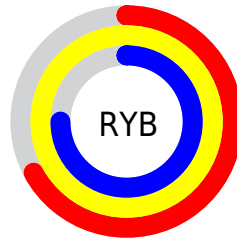
The Yxy color **91.2783, 0.3491, 0.4158** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.8505, 0.2670, 0.2339**, and the grayscale version is **86.1259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **50.5640, 0.3552, 0.4348** is the 20% darker color. If you saturate the color by 10%, you get **89.4071, 0.3590, 0.4426**, and if you desaturate by 10%, it is **93.3782, 0.3383, 0.3886**.

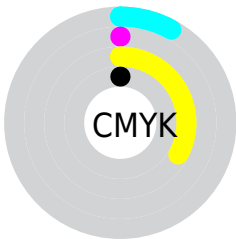
Distribution



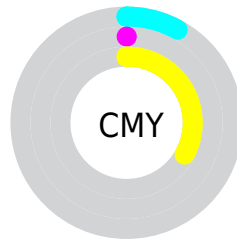
- Red (92%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2783, 0.3491, 0.4158 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 91.2783, 0.3491, 0.4158 by changing the saturation by 10% instead.

 91.2783, 0.3491,
0.4158

 91.2783, 0.3491,
0.4158


532.1804, 0.3340,
0.3762

 69.0413, 0.3521,
0.4246


 149.1127, 0.3442,
0.4023

 50.7454, 0.3555,
0.4353


185.4790, 0.3422,
0.3969

 36.0060, 0.3595,
0.4486


227.3239, 0.3405,
0.3923

 24.4388, 0.3641,
0.4654

275.0317, 0.3389,
0.3883

 15.6595, 0.3691,
0.4873

328.9868, 0.3375,
0.3847

 9.2835, 0.3739,
0.5166


389.5737, 0.3362,


 4.9266, 0.3789,


0.3816

0.5602


457.1768, 0.3350,
0.3788


 2.2042, 0.3767,
0.6233


 0.7223, 0.2227,
0.7773


 91.2783, 0.3491,
0.4158


 91.2783, 0.3491,
0.4158


 89.4071, 0.3590,
0.4426


 93.3782, 0.3383,
0.3886

 87.7412, 0.3675,
0.4681

 95.7048, 0.3272,
0.3620

 86.2727, 0.3741,
0.4909

 98.2717, 0.3161,
0.3365

 84.9879, 0.3783,
0.5100

99.3628, 0.3128,
0.3281

■ 83.8709, 0.3799,
0.5246

■ 82.9028, 0.3789,
0.5344

■ 82.3002, 0.3770,
0.5388

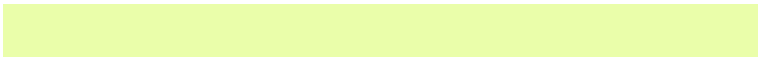
Harmonies

Analogous

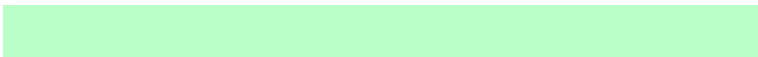
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2783, 0.3884, 0.4036



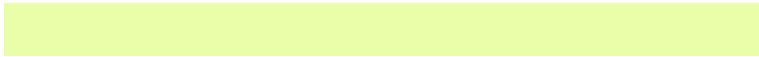
91.2783, 0.3491, 0.4158



91.2783, 0.3018, 0.4004

Triad

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



91.2783, 0.3491, 0.4158



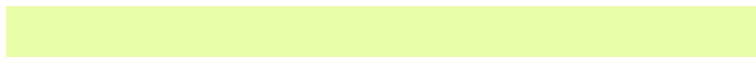
91.2783, 0.2257, 0.2750



91.2783, 0.3658, 0.2987

Complementary

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



91.2783, 0.3491, 0.4158



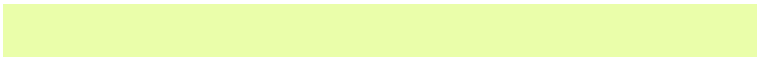
46.8505, 0.2670, 0.2339

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.



91.2783, 0.3181, 0.2699



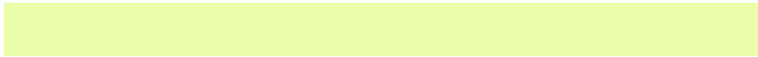
91.2783, 0.3491, 0.4158



91.2783, 0.2395, 0.2552

Square

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



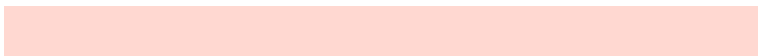
91.2783, 0.3491, 0.4158



91.2783, 0.2326, 0.3127



91.2783, 0.2721, 0.2542



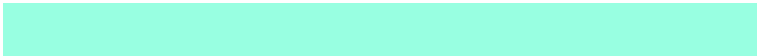
91.2783, 0.3997, 0.3353

Rectangle

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



91.2783, 0.3491, 0.4158



91.2783, 0.2724, 0.3755



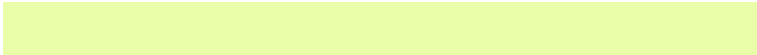
91.2783, 0.2721, 0.2542



91.2783, 0.3507, 0.2879

Sweetspot

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



91.2824, 0.3491, 0.4158



97.3333, 0.3238, 0.3540



60.6281, 0.3834, 0.3498



20.7574, 0.3253, 0.3576



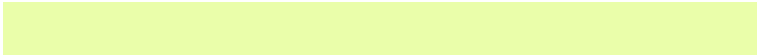
0.0000, 0.0000, 0.0000



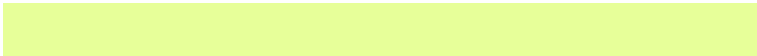
21.4041, 0.3127, 0.3290

Same Dimension

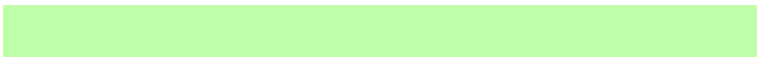
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2824, 0.3491, 0.4158



90.7670, 0.3561, 0.4345



85.0443, 0.3217, 0.4239



20.8604, 0.3232, 0.3527



43.4614, 0.3777, 0.5383



4.2815, 0.3827, 0.5343

Inverse Universe

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



46.8505, 0.2670, 0.2339



39.3792, 0.2551, 0.2109



52.9956, 0.2988, 0.2420



17.5862, 0.3016, 0.3047



4.3413, 0.1631, 0.0672



0.4702, 0.1738, 0.0731

Previews

White Background



This preview shows how the Yxy color 91.2783, 0.3491, 0.4158 looks on a white background.

Color Contrast Check

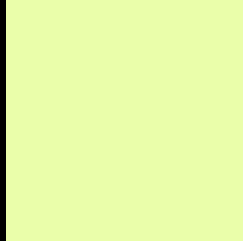
Large Text (above 18pt) WCAG AA × Fail

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 91.2783, 0.3491, 0.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

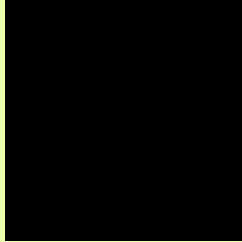
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.2783, 0.3491, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 91.2783, 0.3491, 0.4158.

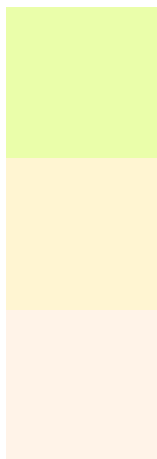


This preview shows how white text looks on a background with the Yxy color 91.2783, 0.3491, 0.4158.

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

91.2783, 0.3491, 0.4158

Protanopia

91.2180, 0.3410, 0.3637

Deuteranopia

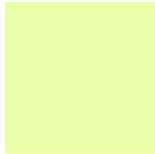
91.1874, 0.3274, 0.3398



Tritanopia

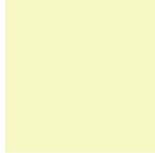
90.9140, 0.3075, 0.3173

Trichromacy



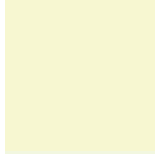
Original Color

91.2783, 0.3491, 0.4158



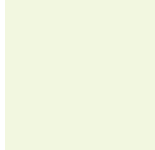
Protanomaly

90.8491, 0.3443, 0.3826



Deuteranomaly

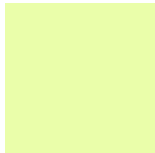
90.8991, 0.3359, 0.3673



Tritanomaly

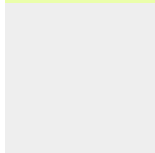
90.7806, 0.3233, 0.3522

Monochromacy



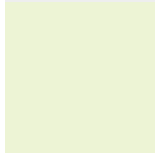
Original Color

91.2783, 0.3491, 0.4158



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.5100, 0.3270, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2783, 0.3491, 0.4158 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(234, 254, 170)` looks like.

```
.text, #text, p{  
    color:rgb(234, 254, 170)  
}
```

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(234, 254, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 254, 170) }
```

Border

The CSS property to change the border of an element to Yxy 91.2783, 0.3491, 0.4158 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(234, 254, 170) }
```

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

```
.border{ border-color:rgb(234, 254, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 254, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 254, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 254, 170); box-shadow:4px 4px 4px 4px rgb(234, 254, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2783, 0.3491, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 254, 170) }
```

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

```
.background{ background-color: rgb(234,  
254, 170) }
```

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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