

Converting Colors

$Y_{xy}(92.1324, 0.3292, 0.3924)$

Have a look what the booklet for
Yxy(92.1324, 0.3292, 0.3924)
contains.

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Color

Yxy(91.6289, 0.3291, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFC3
RGB	226, 255, 195
RGB Percent	89%, 100%, 76%
CMY	0.1139, 0.0000, 0.2352
CMYK	0.11, 0.00, 0.24, 0.00
HSL	89°, 100%, 88%
HSV	89°, 24%, 100%
XYZ	76.9655, 91.6289, 65.2721
YIQ	239.4890, 1.9760, -24.8080

Conversions

Conversions Part 2

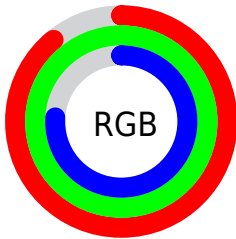
Format	Color
RYB	195, 255, 224
Decimal	14876611
CIELab	96.67, -19.60, 25.62
CIELCh	97, 32.257, 127.419
Yxy	91.6289, 0.3291, 0.3918
Android (android.graphics.Color)	4293066691 (0xFFE2FFC3)
YUV	239.4890, -21.9331, -11.8299
Hunter-Lab	95.7230, -23.9934, 26.5771

Details

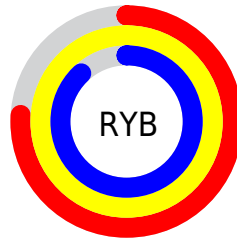
The Yxy color **91.6289, 0.3291, 0.3918** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.1193, 0.2927, 0.2661**, and the grayscale version is **86.8808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **50.8573, 0.3319, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **88.6411, 0.3355, 0.4213**, and if you desaturate by 10%, it is **94.9448, 0.3222, 0.3637**.

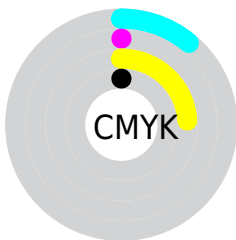
Distribution



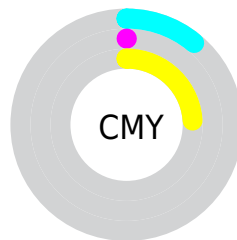
- Red (89%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6289, 0.3291, 0.3918 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 91.6289, 0.3291, 0.3918 by changing the saturation by 10% instead.

 91.6289, 0.3291,
0.3918

 91.6289, 0.3291,
0.3918

533.3155, 0.3224,
0.3631

 69.3324, 0.3304,
0.3983

149.5990, 0.3269,
0.3819

 50.9825, 0.3320,
0.4062

186.0413, 0.3260,
0.3780

 36.1947, 0.3338,
0.4161


227.9678, 0.3252,
0.3747

 24.5846, 0.3359,
0.4290

275.7628, 0.3245,
0.3718

 15.7678, 0.3382,
0.4461

329.8106, 0.3239,
0.3692

 9.3600, 0.3407,
0.4700


390.4958, 0.3233,


 4.9767, 0.3425,


0.3669


0.5052


458.2026, 0.3228,
0.3649


 2.2336, 0.3558,
0.5869


 0.7382, 0.2321,
0.7679


 91.6289, 0.3291,
0.3918

 91.6289, 0.3291,
0.3918

 88.6411, 0.3355,
0.4213


 94.9448, 0.3222,
0.3637

 85.9873, 0.3409,
0.4514

 98.6201, 0.3152,
0.3377

 83.6473, 0.3451,
0.4809

100.0000, 0.3127,
0.3290

 81.6059, 0.3474,
0.5083

■ 79.8462, 0.3475,
0.5322

■ 78.3491, 0.3453,
0.5511

■ 77.0919, 0.3410,
0.5643

■ 76.3859, 0.3374,
0.5703

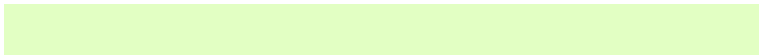
Harmonies

Analogous

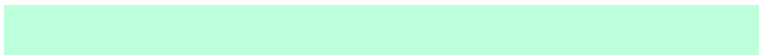
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6289, 0.3617, 0.3905



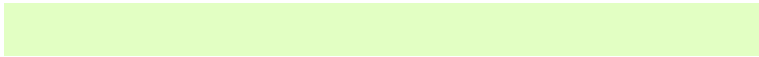
91.6289, 0.3291, 0.3918



91.6289, 0.2934, 0.3732

Triad

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



91.6289, 0.3291, 0.3918



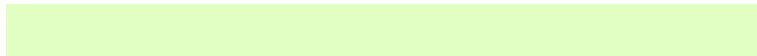
91.6289, 0.2478, 0.2817



91.6289, 0.3629, 0.3153

Complementary

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



91.6289, 0.3291, 0.3918



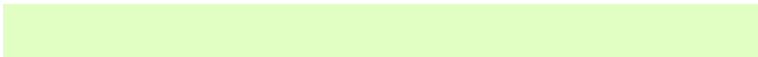
62.1193, 0.2927, 0.2661

Split Complementary

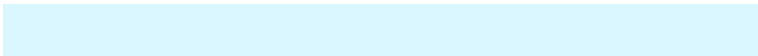
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6289, 0.3296, 0.2901



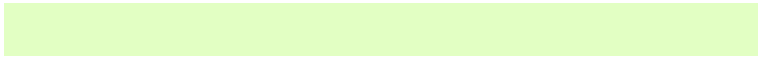
91.6289, 0.3291, 0.3918



91.6289, 0.2639, 0.2706

Square

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



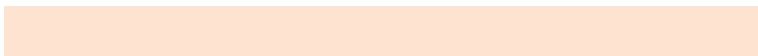
91.6289, 0.3291, 0.3918



91.6289, 0.2478, 0.3067



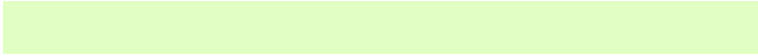
91.6289, 0.2933, 0.2740



91.6289, 0.3824, 0.3448

Rectangle

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



91.6289, 0.3291, 0.3918



91.6289, 0.2726, 0.3523



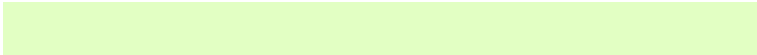
91.6289, 0.2933, 0.2740



91.6289, 0.3529, 0.3062

Sweetspot

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



91.6226, 0.3291, 0.3918



97.3004, 0.3176, 0.3465



78.5191, 0.3551, 0.3586



20.7782, 0.3181, 0.3481



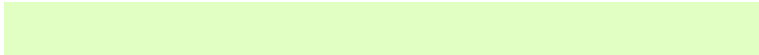
0.0000, 0.0000, 0.0000



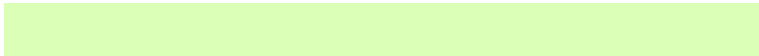
21.4041, 0.3127, 0.3290

Same Dimension

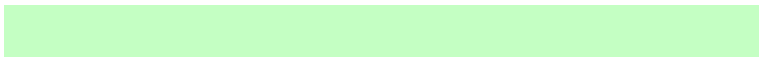
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6226, 0.3291, 0.3918



90.2455, 0.3320, 0.4049



87.2001, 0.3102, 0.3955



20.6288, 0.3194, 0.3530



40.0026, 0.3386, 0.5693



3.9600, 0.3470, 0.5626

Inverse Universe

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



62.1193, 0.2927, 0.2661



56.2679, 0.2881, 0.2530



67.3318, 0.3147, 0.2701



17.8094, 0.3055, 0.3050



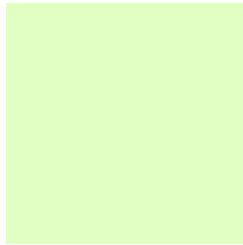
6.0800, 0.1991, 0.0870



0.6567, 0.2114, 0.0938

Previews

White Background



This preview shows how the Yxy color 91.6289, 0.3291, 0.3918 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 91.6289, 0.3291, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

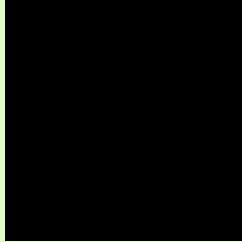
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

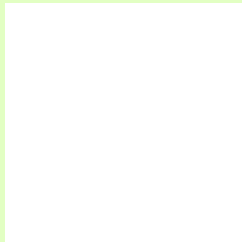
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6289, 0.3291, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 91.6289, 0.3291, 0.3918.

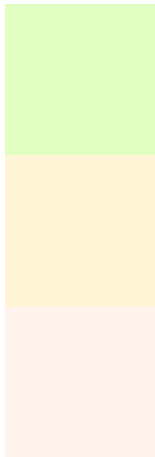


This preview shows how white text looks on a background with the Yxy color 91.6289, 0.3291, 0.3918.

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

91.6289, 0.3291, 0.3918

Protanopia

91.4199, 0.3385, 0.3597

Deuteranopia

91.3593, 0.3255, 0.3368

Tritanopia

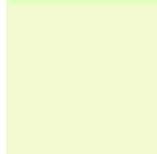
91.2256, 0.3043, 0.3192

Trichromacy



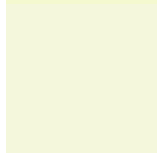
Original Color

91.6289, 0.3291, 0.3918



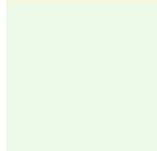
Protanomaly

91.4895, 0.3348, 0.3715



Deuteranomaly

90.9219, 0.3271, 0.3562



Tritanomaly

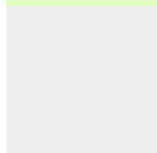
91.4674, 0.3139, 0.3452

Monochromacy



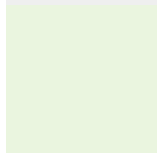
Original Color

91.6289, 0.3291, 0.3918



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.1250, 0.3188, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6289, 0.3291, 0.3918 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(226, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 195)  
}
```

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(226, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 195) }
```

Border

The CSS property to change the border of an element to Yxy 91.6289, 0.3291, 0.3918 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(226, 255, 195) }
```

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

```
.border{ border-color:rgb(226, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6289, 0.3291, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 195) }
```

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

```
.background{ background-color: rgb(226,  
255, 195) }
```

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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