

Converting Colors

$Yxy(92.1739, 0.3262, 0.3799)$

Have a look what the booklet for
Yxy(92.1739, 0.3262, 0.3799)
contains.

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Color

Yxy(92.1144, 0.3261, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	E6FECD
RGB	230, 254, 205
RGB Percent	90%, 100%, 80%
CMY	0.0978, 0.0040, 0.1960
CMYK	0.09, 0.00, 0.19, 0.00
HSL	89°, 96%, 90%
HSV	89°, 19%, 100%
XYZ	79.1112, 92.1144, 71.3723
YIQ	241.2380, 1.4250, -20.3270

Conversions

Conversions Part 2

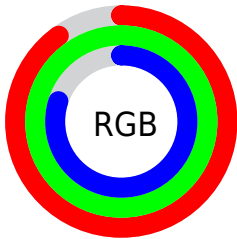
Format	Color
R _Y B	205, 254, 229
Decimal	15138509
CIE Lab	96.87, -16.17, 20.86
CIE LCh	97, 26.393, 127.769
Yxy	92.1144, 0.3261, 0.3797
Android (android.graphics.Color)	4293328589 (0xFFE6FECD)
YUV	241.2380, -17.8653, -9.8557
Hunter-Lab	95.9762, -20.8247, 23.0926

Details

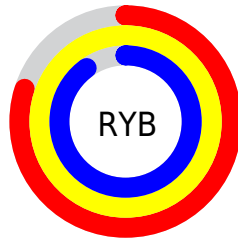
The Yxy color $92.1144, 0.3261, 0.3797$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $67.4682, 0.2970, 0.2783$, and the grayscale version is $88.3139, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.1655, 0.3282, 0.3904$ is the 20% darker color. If you saturate the color by 10%, you get $89.0091, 0.3327, 0.4087$, and if you desaturate by 10%, it is $95.5729, 0.3192, 0.3524$.

Distribution



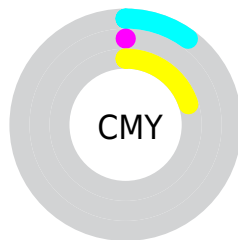
- Red (90%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.1144, 0.3261, 0.3797 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 92.1144, 0.3261, 0.3797 by changing the saturation by 10% instead.


 92.1144, 0.3261,
0.3797

 92.1144, 0.3261,
0.3797

534.8852, 0.3205,
0.3566

 69.7357, 0.3272,
0.3849

150.2719, 0.3243,
0.3718

 51.3111, 0.3286,
0.3912


186.8195, 0.3235,
0.3687

 36.4562, 0.3302,
0.3992


228.8588, 0.3229,
0.3660

 24.7867, 0.3321,
0.4094

276.7743, 0.3223,
0.3636

 15.9182, 0.3344,
0.4231

330.9502, 0.3218,
0.3616

 9.4663, 0.3370,
0.4422

391.7711, 0.3213,

 5.0466, 0.3399,

0.3597

0.4706

459.6213, 0.3209,
0.3581

■ 2.2746, 0.3454,
0.5226

■ 0.7602, 0.3014,
0.6986

■ 92.1144, 0.3261,
0.3797

■ 92.1144, 0.3261,
0.3797

■ 89.0091, 0.3327,
0.4087

■ 95.5729, 0.3192,
0.3524

■ 86.2323, 0.3385,
0.4387

99.3323, 0.3127,
0.3280

■ 83.7746, 0.3432,
0.4686

99.3558, 0.3128,
0.3280

■ 81.6213, 0.3462,
0.4972

■ 79.7564, 0.3473,
0.5228

■ 78.1620, 0.3460,
0.5441

■ 76.8173, 0.3426,
0.5598

■ 75.6922, 0.3373,
0.5701

■ 75.6177, 0.3369,
0.5707

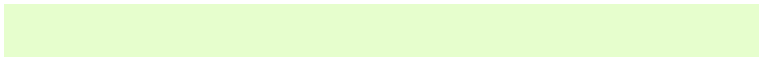
Harmonies

Analogous

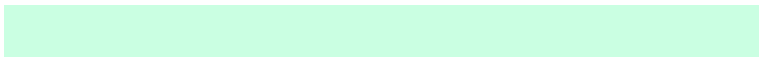
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1144, 0.3527, 0.3794



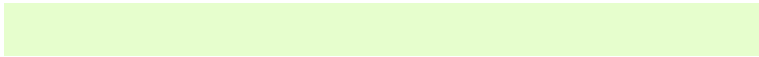
92.1144, 0.3261, 0.3797



92.1144, 0.2968, 0.3644

Triad

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



92.1144, 0.3261, 0.3797



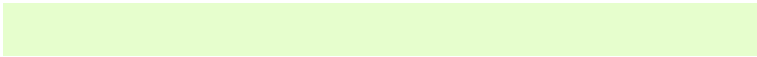
92.1144, 0.2592, 0.2902



92.1144, 0.3539, 0.3183

Complementary

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



92.1144, 0.3261, 0.3797



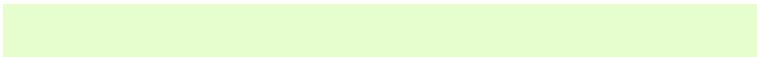
67.4682, 0.2970, 0.2783

Split Complementary

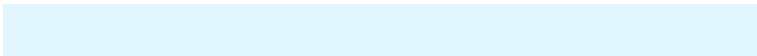
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1144, 0.3271, 0.2971



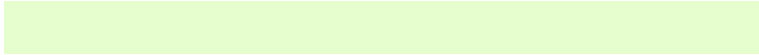
92.1144, 0.3261, 0.3797



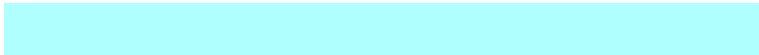
92.1144, 0.2728, 0.2808

Square

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



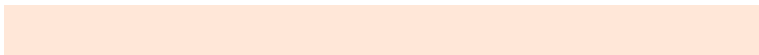
92.1144, 0.3261, 0.3797



92.1144, 0.2591, 0.3109



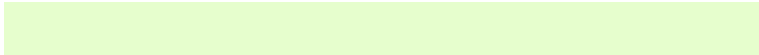
92.1144, 0.2973, 0.2836



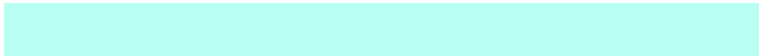
92.1144, 0.3695, 0.3428

Rectangle

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



92.1144, 0.3261, 0.3797



92.1144, 0.2796, 0.3477



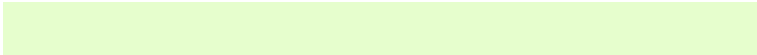
92.1144, 0.2973, 0.2836



92.1144, 0.3459, 0.3106

Sweetspot

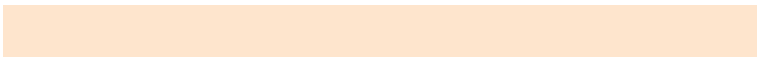
The Sweet Spot groups the original color and five complimentary colors.



92.1184, 0.3261, 0.3797



97.6638, 0.3169, 0.3439



81.3396, 0.3464, 0.3530



20.8513, 0.3174, 0.3456



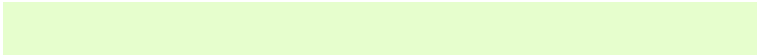
0.0000, 0.0000, 0.0000



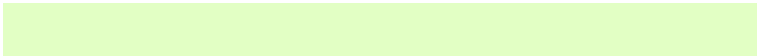
21.4041, 0.3127, 0.3290

Same Dimension

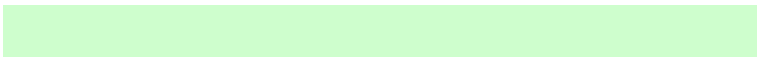
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1184, 0.3261, 0.3797



91.7481, 0.3286, 0.3903



88.3809, 0.3107, 0.3821



20.6250, 0.3193, 0.3530



39.9591, 0.3380, 0.5698



3.9557, 0.3465, 0.5631

Inverse Universe

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



67.4682, 0.2970, 0.2783



62.8643, 0.2934, 0.2676



71.7368, 0.3144, 0.2809



17.8132, 0.3056, 0.3050



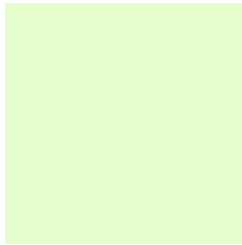
6.1206, 0.1998, 0.0875



0.6607, 0.2122, 0.0942

Previews

White Background



This preview shows how the Yxy color 92.1144, 0.3261, 0.3797 looks on a white background.

Color Contrast Check

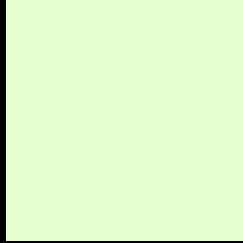
Large Text (above 18pt) WCAG AA × Fail

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 92.1144, 0.3261, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

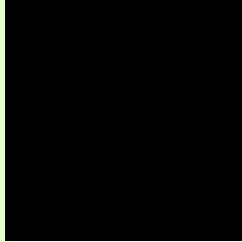
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

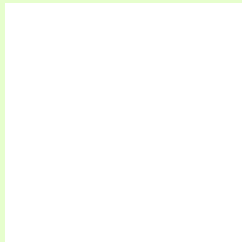
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1144, 0.3261, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 92.1144, 0.3261, 0.3797.

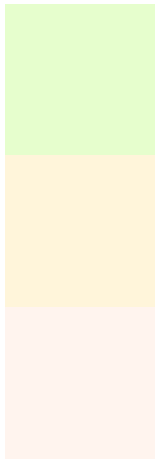


This preview shows how white text looks on a background with the Yxy color 92.1144, 0.3261, 0.3797.

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

92.1144, 0.3261, 0.3797

Protanopia

91.6268, 0.3359, 0.3557

Deuteranopia

92.1344, 0.3236, 0.3349



Tritanopia

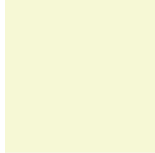
92.1862, 0.3055, 0.3202

Trichromacy



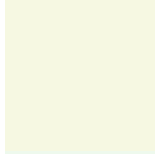
Original Color

92.1144, 0.3261, 0.3797



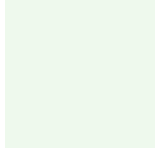
Protanomaly

91.5317, 0.3326, 0.3642



Deuteranomaly

92.2186, 0.3246, 0.3509



Tritanomaly

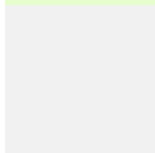
92.0429, 0.3128, 0.3410

Monochromacy



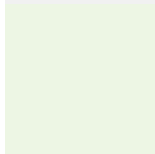
Original Color

92.1144, 0.3261, 0.3797



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.5175, 0.3177, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1144, 0.3261, 0.3797 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(230, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(230, 254, 205)  
}
```

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(230, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 254, 205) }
```

Border

The CSS property to change the border of an element to Yxy 92.1144, 0.3261, 0.3797 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(230, 254, 205) }
```

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

```
.border{ border-color:rgb(230, 254, 205) }
```

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

Here you see how a box with a 4 pixel rgb(230, 254, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 254, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 254, 205);  
box-shadow:4px 4px 4px 4px rgb(230, 254,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1144, 0.3261, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 254, 205) }
```

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

```
.background{ background-color: rgb(230,  
254, 205) }
```

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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