

Converting Colors

$Y_{xy}(100.0000, 0.3234, 0.3944)$

Have a look what the booklet for
Yxy(100.0000, 0.3234, 0.3944)
contains.

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Color

Yxy(92.0005, 0.3245, 0.3832)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFCB
RGB	226, 255, 203
RGB Percent	89%, 100%, 80%
CMY	0.1137, 0.0000, 0.2038
CMYK	0.11, 0.00, 0.20, 0.00
HSL	93°, 100%, 90%
HSV	93°, 20%, 100%
XYZ	77.9075, 92.0005, 70.1768
YIQ	240.4010, -0.5920, -22.3200

Conversions

Conversions Part 2

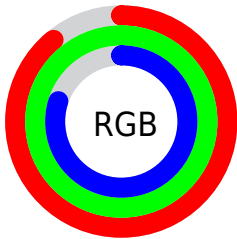
Format	Color
R _Y B	203, 255, 232
Decimal	14876619
CIE Lab	96.82, -18.36, 21.76
CIE LCh	97, 28.471, 130.161
Yxy	92.0005, 0.3245, 0.3832
Android (android.graphics.Color)	4293066699 (0xFFE2FFCB)
YUV	240.4010, -18.4387, -12.6297
Hunter-Lab	95.9169, -22.8697, 23.7628

Details

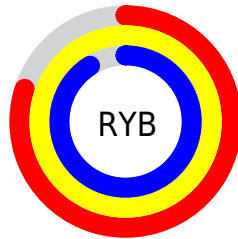
The Yxy color **92.0005, 0.3245, 0.3832** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.1145, 0.2985, 0.2756**, and the grayscale version is **87.6193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1041, 0.3262, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **88.6789, 0.3298, 0.4129**, and if you desaturate by 10%, it is **95.7178, 0.3188, 0.3554**.

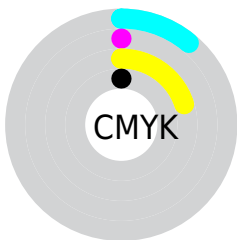
Distribution



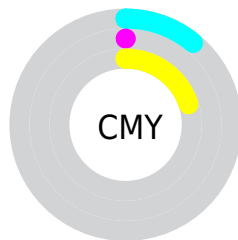
- Red (89%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0005, 0.3245, 0.3832 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 92.0005, 0.3245, 0.3832 by changing the saturation by 10% instead.

 92.0005, 0.3245,
0.3832

 92.0005, 0.3245,
0.3832


534.5171, 0.3197,
0.3584

 69.6410, 0.3255,
0.3888

150.1141, 0.3229,
0.3747

 51.2340, 0.3266,
0.3956


186.6370, 0.3223,
0.3714

 36.3948, 0.3279,
0.4042

228.6499, 0.3217,
0.3685

 24.7393, 0.3294,
0.4152

276.5371, 0.3212,
0.3660

 15.8829, 0.3311,
0.4300

330.6830, 0.3208,
0.3637

 9.4413, 0.3329,
0.4507

391.4721, 0.3204,

 5.0302, 0.3343,

0.3618

0.4817

459.2886, 0.3200,
0.3600

■ 2.2650, 0.3386,
0.5406

■ 0.7551, 0.2630,
0.7370

■ 92.0005, 0.3245,
0.3832

■ 92.0005, 0.3245,
0.3832

■ 88.6789, 0.3298,
0.4129

■ 95.7178, 0.3188,
0.3554

■ 85.7315, 0.3344,
0.4438

99.8373, 0.3129,
0.3299

■ 83.1453, 0.3378,
0.4747

100.0000, 0.3127,
0.3290

■ 80.9036, 0.3396,
0.5042

■ 78.9884, 0.3395,
0.5306

■ 77.3793, 0.3373,
0.5523

■ 76.0527, 0.3331,
0.5681

■ 75.0096, 0.3277,
0.5780

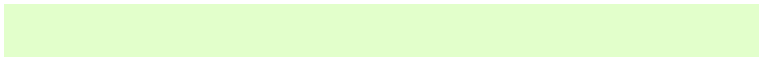
Harmonies

Analogous

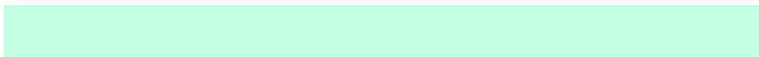
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0005, 0.3538, 0.3840



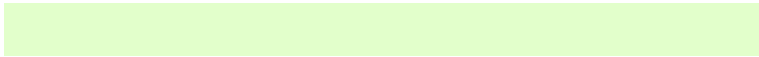
92.0005, 0.3245, 0.3832



92.0005, 0.2931, 0.3654

Triad

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



92.0005, 0.3245, 0.3832



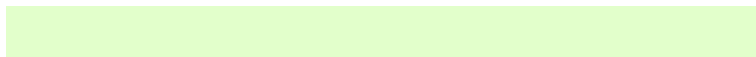
92.0005, 0.2558, 0.2859



92.0005, 0.3591, 0.3194

Complementary

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



92.0005, 0.3245, 0.3832



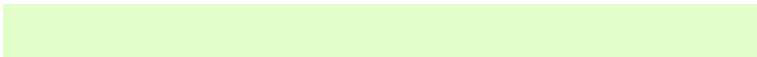
67.1145, 0.2985, 0.2756

Split Complementary

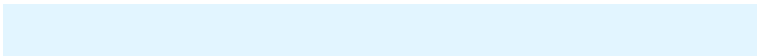
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0005, 0.3307, 0.2962



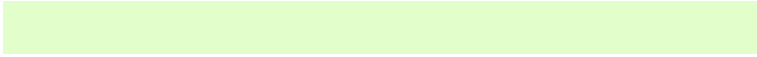
92.0005, 0.3245, 0.3832



92.0005, 0.2715, 0.2770

Square

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



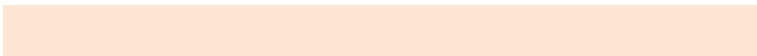
92.0005, 0.3245, 0.3832



92.0005, 0.2545, 0.3072



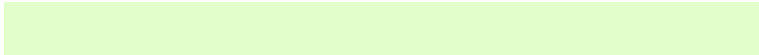
92.0005, 0.2985, 0.2810



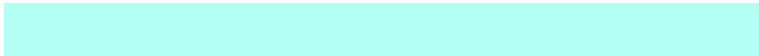
92.0005, 0.3747, 0.3457

Rectangle

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



92.0005, 0.3245, 0.3832



92.0005, 0.2751, 0.3468



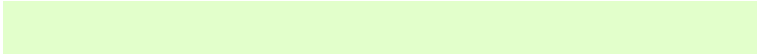
92.0005, 0.2985, 0.2810



92.0005, 0.3507, 0.3111

Sweetspot

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



92.0029, 0.3245, 0.3832



97.4697, 0.3162, 0.3440



83.0728, 0.3479, 0.3578



20.8055, 0.3166, 0.3456



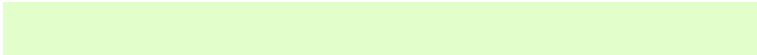
0.0000, 0.0000, 0.0000



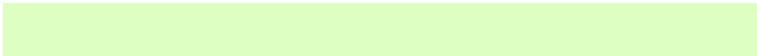
21.4041, 0.3127, 0.3290

Same Dimension

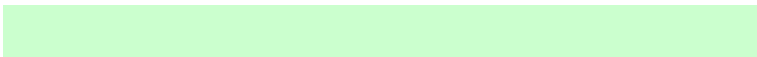
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0029, 0.3245, 0.3832



90.7536, 0.3265, 0.3938



88.6612, 0.3086, 0.3827



20.5609, 0.3183, 0.3531



39.2792, 0.3289, 0.5771



3.8879, 0.3377, 0.5701

Inverse Universe

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



67.1145, 0.2985, 0.2756



62.2015, 0.2955, 0.2653



71.0457, 0.3169, 0.2806



17.8777, 0.3067, 0.3051



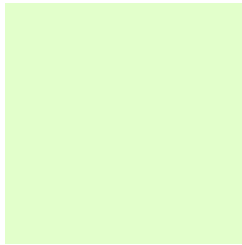
6.8823, 0.2139, 0.0952



0.7349, 0.2255, 0.1016

Previews

White Background



This preview shows how the Yxy color 92.0005, 0.3245, 0.3832 looks on a white background.

Color Contrast Check

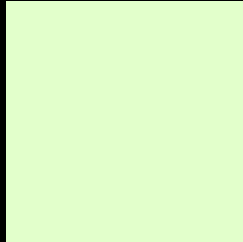
Large Text (above 18pt) WCAG AA × Fail

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 92.0005, 0.3245, 0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

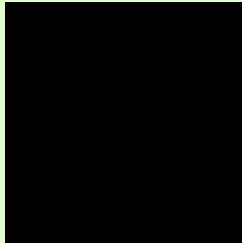
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

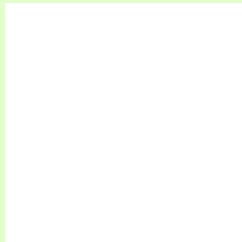
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0005, 0.3245, 0.3832

Background



This preview shows how black text looks on a background with the Yxy color 92.0005, 0.3245, 0.3832.

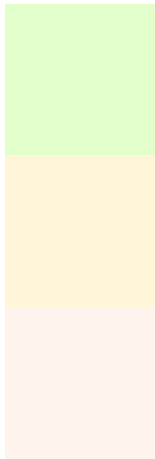


This preview shows how white text looks on a background with the Yxy color 92.0005, 0.3245, 0.3832.

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

92.0005, 0.3245, 0.3832

Protanopia

91.5746, 0.3366, 0.3567

Deuteranopia

91.4756, 0.3243, 0.3349

Tritanopia

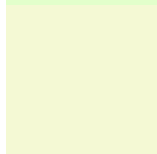
91.8323, 0.3043, 0.3201

Trichromacy



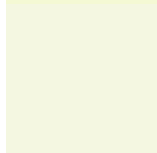
Original Color

92.0005, 0.3245, 0.3832



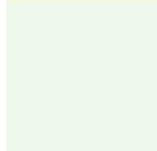
Protanomaly

91.7379, 0.3317, 0.3663



Deuteranomaly

91.1909, 0.3240, 0.3511



Tritanomaly

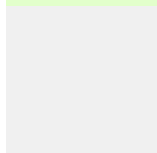
91.6404, 0.3121, 0.3421

Monochromacy



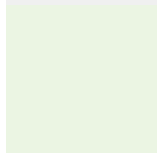
Original Color

92.0005, 0.3245, 0.3832



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5130, 0.3170, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0005, 0.3245, 0.3832 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 203) }
```

Border

The CSS property to change the border of an element to Yxy 92.0005, 0.3245, 0.3832 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, 203) }
```

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

```
.border{ border-color:rgb(226, 255, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0005, 0.3245, 0.3832 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, 203) }
```

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

```
.background{ background-color: rgb(226,  
255, 203) }
```

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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