

Converting Colors

$Yxy(91.8670, 0.3276, 0.3767)$

Have a look what the booklet for
Yxy(91.8670, 0.3276, 0.3767)
contains.

Yxy(92.0304, 0.3275, 0.3774)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.0304, 0.3275, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	E9FDCE
RGB	233, 253, 206
RGB Percent	91%, 99%, 81%
CMY	0.0864, 0.0078, 0.1921
CMYK	0.08, 0.00, 0.19, 0.01
HSL	86°, 92%, 90%
HSV	86°, 19%, 99%
XYZ	79.8621, 92.0304, 71.9612
YIQ	241.6620, 3.1670, -18.8570

Conversions

Conversions Part 2

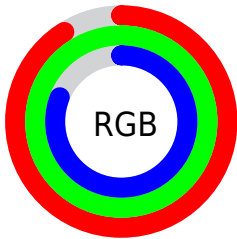
Format	Color
RYB	206, 253, 226
Decimal	15334862
CIELab	96.83, -14.53, 20.33
CIELCh	97, 24.989, 125.564
Yxy	92.0304, 0.3275, 0.3774
Android (android.graphics.Color)	4293524942 (0xFFE9FDCE)
YUV	241.6620, -17.5814, -7.5966
Hunter-Lab	95.9325, -19.2837, 22.6779

Details

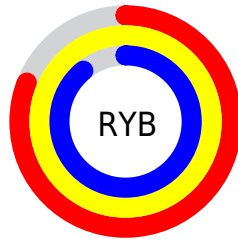
The Yxy color **92.0304, 0.3275, 0.3774** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.4291, 0.2956, 0.2800**, and the grayscale version is **88.6504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0940, 0.3301, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **89.1399, 0.3352, 0.4058**, and if you desaturate by 10%, it is **95.2381, 0.3195, 0.3505**.

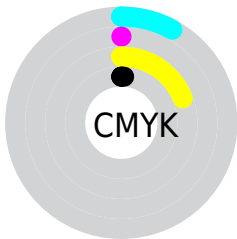
Distribution



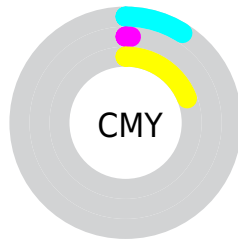
- Red (91%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)




- Cyan (9%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0304, 0.3275, 0.3774 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 92.0304, 0.3275, 0.3774 by changing the saturation by 10% instead.

 92.0304, 0.3275,
0.3774

 92.0304, 0.3275,
0.3774


534.6138, 0.3212,
0.3554

 69.6659, 0.3288,
0.3823


150.1555, 0.3254,
0.3699

 51.2542, 0.3303,
0.3883


186.6849, 0.3246,
0.3669

 36.4109, 0.3322,
0.3959


228.7047, 0.3239,
0.3643

 24.7517, 0.3344,
0.4056

276.5993, 0.3232,
0.3621

 15.8922, 0.3371,
0.4185

330.7532, 0.3226,
0.3601

 9.4479, 0.3405,
0.4366

391.5506, 0.3221,

 5.0345, 0.3444,

0.3584

0.4635

459.3760, 0.3217,
0.3568

■ 2.2675, 0.3513,
0.5116

■ 0.7564, 0.3250,
0.6750

■ 92.0304, 0.3275,
0.3774

■ 92.0304, 0.3275,
0.3774

■ 89.1399, 0.3352,
0.4058

■ 95.2381, 0.3195,
0.3505

■ 86.5432, 0.3421,
0.4351

■ 98.6564, 0.3125,
0.3271

■ 84.2320, 0.3479,
0.4642

■ 98.7403, 0.3128,
0.3271

■ 82.1930, 0.3521,
0.4918

■ 80.4117, 0.3542,
0.5166

■ 78.8715, 0.3540,
0.5371

■ 77.5534, 0.3513,
0.5523

■ 76.4312, 0.3466,
0.5624

■ 76.2822, 0.3459,
0.5636

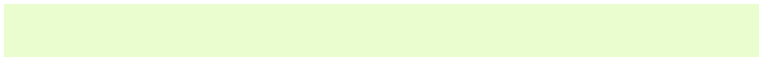
Harmonies

Analogous

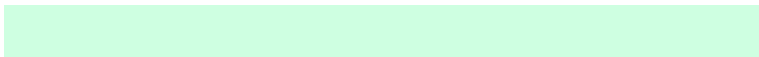
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0304, 0.3522, 0.3761



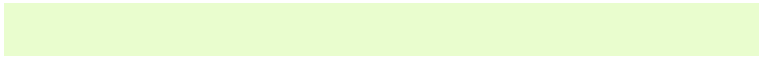
92.0304, 0.3275, 0.3774



92.0304, 0.2996, 0.3640

Triad

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



92.0304, 0.3275, 0.3774



92.0304, 0.2615, 0.2934



92.0304, 0.3502, 0.3172

Complementary

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



92.0304, 0.3275, 0.3774



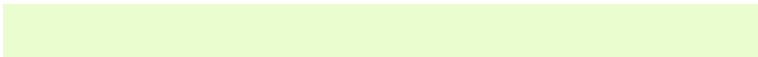
67.4291, 0.2956, 0.2800

Split Complementary

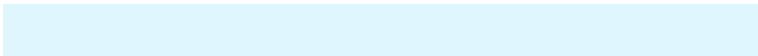
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0304, 0.3243, 0.2974



92.0304, 0.3275, 0.3774



92.0304, 0.2735, 0.2835

Square

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



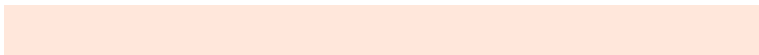
92.0304, 0.3275, 0.3774



92.0304, 0.2623, 0.3137



92.0304, 0.2962, 0.2853



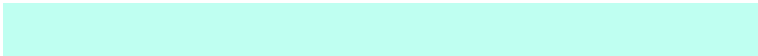
92.0304, 0.3659, 0.3405

Rectangle

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



92.0304, 0.3275, 0.3774



92.0304, 0.2830, 0.3486



92.0304, 0.2962, 0.2853



92.0304, 0.3423, 0.3100

Sweetspot

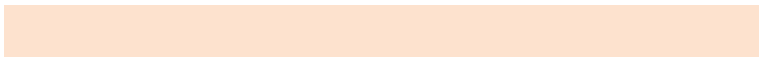
The Sweet Spot groups the original color and five complimentary colors.



92.0344, 0.3275, 0.3774



97.8359, 0.3175, 0.3439



79.5206, 0.3456, 0.3490



20.8920, 0.3180, 0.3456



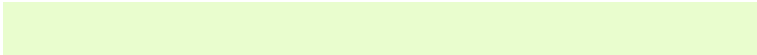
0.0000, 0.0000, 0.0000



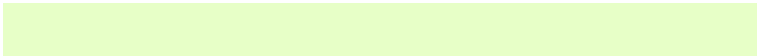
21.4041, 0.3127, 0.3290

Same Dimension

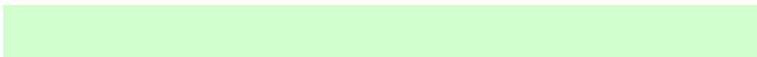
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0344, 0.3275, 0.3774



92.6371, 0.3302, 0.3870



88.4106, 0.3128, 0.3796



20.6821, 0.3203, 0.3530



40.6615, 0.3469, 0.5627



4.0235, 0.3549, 0.5564

Inverse Universe

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



67.4291, 0.2956, 0.2800



63.6841, 0.2919, 0.2701



71.4053, 0.3120, 0.2824



17.7567, 0.3046, 0.3049



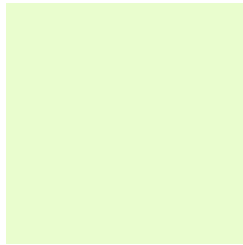
5.5498, 0.1887, 0.0813



0.6032, 0.2013, 0.0882

Previews

White Background



This preview shows how the Yxy color 92.0304, 0.3275, 0.3774 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 92.0304, 0.3275, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

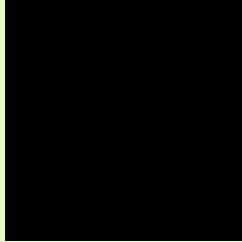
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

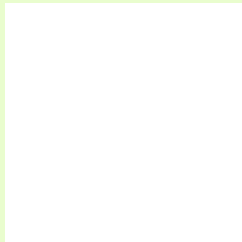
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0304, 0.3275, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 92.0304, 0.3275, 0.3774.

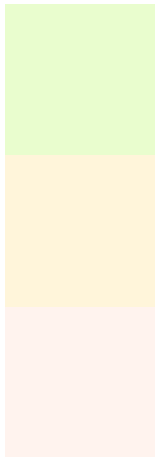


This preview shows how white text looks on a background with the Yxy color 92.0304, 0.3275, 0.3774.

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

92.0304, 0.3275, 0.3774

Protanopia

91.6268, 0.3359, 0.3557

Deuteranopia

91.5342, 0.3236, 0.3339

Tritanopia

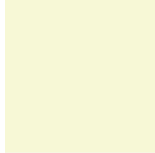
91.7579, 0.3062, 0.3192

Trichromacy



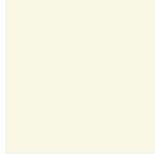
Original Color

92.0304, 0.3275, 0.3774



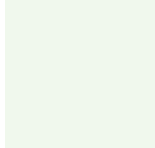
Protanomaly

91.7640, 0.3326, 0.3631



Deuteranomaly

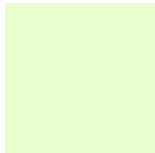
91.7867, 0.3254, 0.3499



Tritanomaly

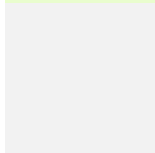
91.7745, 0.3141, 0.3400

Monochromacy



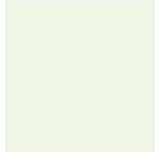
Original Color

92.0304, 0.3275, 0.3774



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

89.9194, 0.3184, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0304, 0.3275, 0.3774 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(233, 253, 206)` looks like.

```
.text, #text, p{  
    color:rgb(233, 253, 206)  
}
```

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(233, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 253, 206) }
```

Border

The CSS property to change the border of an element to Yxy 92.0304, 0.3275, 0.3774 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(233, 253, 206) }
```

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

```
.border{ border-color:rgb(233, 253, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 253, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 253, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 253, 206);  
box-shadow:4px 4px 4px 4px rgb(233, 253,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0304, 0.3275, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 253, 206) }
```

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

```
.background{ background-color: rgb(233,  
253, 206) }
```

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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