

Converting Colors

$Yxy(92.9820, 0.3432, 0.3832)$

Have a look what the booklet for
Yxy(92.9820, 0.3432, 0.3832)
contains.

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Color

Yxy(92.9820, 0.3432, 0.3832)

Conversions

Conversions Part 1

Format	Color
Hex	F8FBC5
RGB	248, 251, 197
RGB Percent	97%, 98%, 77%
CMY	0.0276, 0.0156, 0.2274
CMYK	0.01, 0.00, 0.22, 0.02
HSL	63°, 87%, 88%
HSV	63°, 22%, 98%
XYZ	83.2762, 92.9820, 66.3880
YIQ	243.9470, 15.5460, -17.4300

Conversions

Conversions Part 2

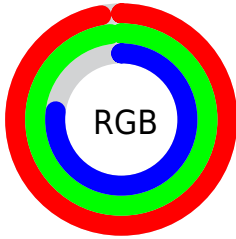
Format	Color
RYB	197, 251, 200
Decimal	16317381
CIELab	97.22, -9.57, 25.61
CIElCh	97, 27.346, 110.496
Yxy	92.9820, 0.3432, 0.3832
Android (android.graphics.Color)	4294507461 (0xFFF8FBC5)
YUV	243.9470, -23.1449, 3.5545
Hunter-Lab	96.4272, -14.5919, 26.6792

Details

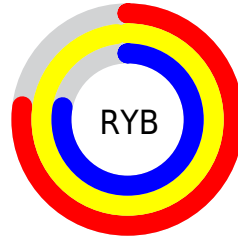
The Yxy color **92.9820, 0.3432, 0.3832** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.1941, 0.2784, 0.2692**, and the grayscale version is **90.6002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **52.0897, 0.3491, 0.3956** is the 20% darker color. If you saturate the color by 10%, you get **91.6704, 0.3573, 0.4088**, and if you desaturate by 10%, it is **94.4954, 0.3289, 0.3576**.

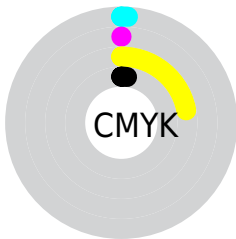
Distribution



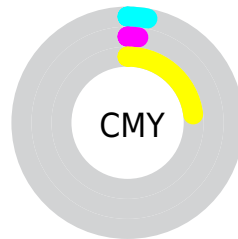
- Red (97%)
- Green (98%)
- Blue (77%)



- Red (77%)
- Yellow (98%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)




- Cyan (3%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9820, 0.3432, 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 92.9820, 0.3432, 0.3832 by changing the saturation by 10% instead.


 92.9820, 0.3432,
0.3832

 92.9820, 0.3432,
0.3832

537.6842, 0.3300,
0.3588

 70.4565, 0.3460,
0.3886


151.4737, 0.3388,
0.3749

 51.8988, 0.3493,
0.3951


188.2087, 0.3370,
0.3716

 36.9244, 0.3534,
0.4032


230.4490, 0.3355,
0.3688

 25.1490, 0.3584,
0.4136

278.5791, 0.3341,
0.3663

 16.1881, 0.3647,
0.4271

332.9832, 0.3329,
0.3641

 9.6573, 0.3727,
0.4456

394.0459, 0.3319,

 5.1724, 0.3829,

0.3622

0.4719

462.1514, 0.3309,
0.3604

■ 2.3487, 0.4078,
0.5281

■ 0.7993, 0.3969,
0.6031

■ 92.9820, 0.3432,
0.3832

■ 92.9820, 0.3432,
0.3832

■ 91.6704, 0.3573,
0.4088

■ 94.4954, 0.3289,
0.3576

■ 90.5389, 0.3707,
0.4334

■ 96.2071, 0.3148,
0.3327

■ 89.5811, 0.3828,
0.4561

■ 96.9633, 0.3112,
0.3252

■ 88.7858, 0.3930,
0.4758

■ 97.2302, 0.3120,
0.3252

■ 88.1403, 0.4009,
0.4916

■ 97.4857, 0.3129,
0.3252

■ 87.6301, 0.4061,
0.5031

■ 87.2377, 0.4087,
0.5101

■ 86.9742, 0.4093,
0.5132

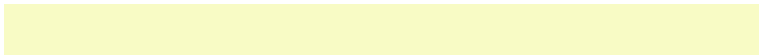
Harmonies

Analogous

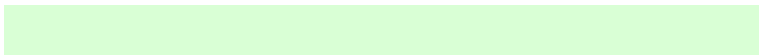
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9820, 0.3654, 0.3740



92.9820, 0.3432, 0.3832



92.9820, 0.3135, 0.3766

Triad

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



92.9820, 0.3432, 0.3832



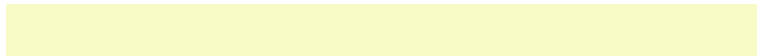
92.9820, 0.2557, 0.3000



92.9820, 0.3402, 0.3046

Complementary

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



92.9820, 0.3432, 0.3832



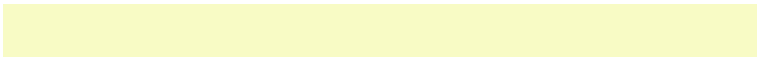
59.1941, 0.2784, 0.2692

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.



92.9820, 0.3096, 0.2869



92.9820, 0.3432, 0.3832



92.9820, 0.2619, 0.2833

Square

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



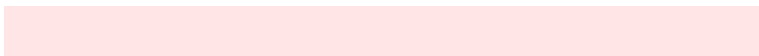
92.9820, 0.3432, 0.3832



92.9820, 0.2637, 0.3262



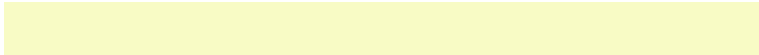
92.9820, 0.2811, 0.2790



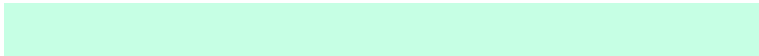
92.9820, 0.3640, 0.3285

Rectangle

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



92.9820, 0.3432, 0.3832



92.9820, 0.2936, 0.3635



92.9820, 0.2811, 0.2790



92.9820, 0.3303, 0.2978

Sweetspot

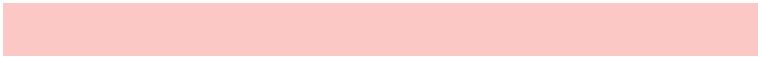
The Sweet Spot groups the original color and five complimentary colors.



92.9861, 0.3432, 0.3832



98.8893, 0.3211, 0.3437



65.7202, 0.3559, 0.3320



21.1415, 0.3220, 0.3454



0.0000, 0.0000, 0.0000



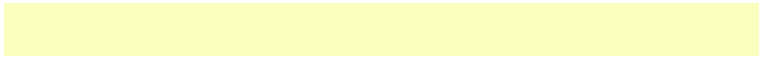
21.4041, 0.3127, 0.3290

Same Dimension

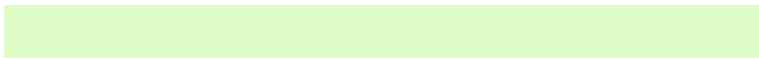
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9861, 0.3432, 0.3832



95.7353, 0.3496, 0.3948



88.4592, 0.3254, 0.3864



20.1377, 0.3260, 0.3525



45.7318, 0.4095, 0.5131



4.2504, 0.4107, 0.5121

Inverse Universe

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



59.1941, 0.2784, 0.2692



54.7526, 0.2701, 0.2548



63.1893, 0.2973, 0.2724



16.6899, 0.2988, 0.3045



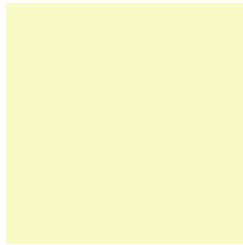
3.7302, 0.1517, 0.0609



0.3615, 0.1558, 0.0632

Previews

White Background



This preview shows how the Yxy color 92.9820, 0.3432, 0.3832 looks on a white background.

Color Contrast Check

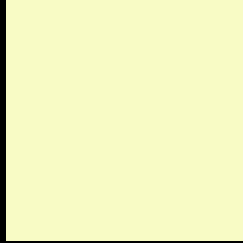
Large Text (above 18pt) WCAG AA × Fail

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 92.9820, 0.3432, 0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

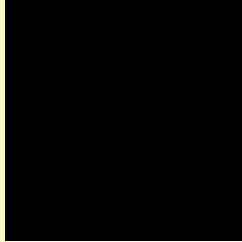
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9820, 0.3432, 0.3832

Background



This preview shows how black text looks on a background with the Yxy color 92.9820, 0.3432, 0.3832.

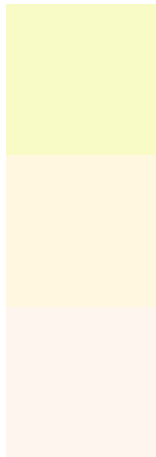


This preview shows how white text looks on a background with the Yxy color 92.9820, 0.3432, 0.3832.

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

92.9820, 0.3432, 0.3832

Protanopia

93.1092, 0.3325, 0.3526

Deuteranopia

92.7968, 0.3229, 0.3349



Tritanopia

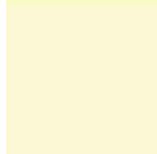
92.6168, 0.3113, 0.3184

Trichromacy



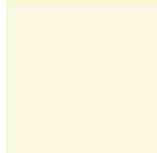
Original Color

92.9820, 0.3432, 0.3832



Protanomaly

92.6853, 0.3360, 0.3627



Deuteranomaly

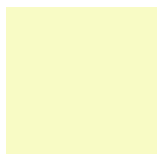
92.5988, 0.3299, 0.3517



Tritanomaly

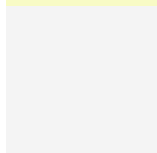
92.9713, 0.3231, 0.3418

Monochromacy



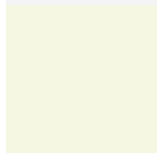
Original Color

92.9820, 0.3432, 0.3832



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.4801, 0.3234, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9820, 0.3432, 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(248, 251, 197)` looks like.

```
.text, #text, p{  
    color:rgb(248, 251, 197)  
}
```

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(248, 251, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 251, 197) }
```

Border

The CSS property to change the border of an element to Yxy 92.9820, 0.3432, 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(248, 251, 197) }
```

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

```
.border{ border-color:rgb(248, 251, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 251, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 251, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 251, 197);  
box-shadow:4px 4px 4px 4px rgb(248, 251,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9820, 0.3432, 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(248, 251, 197) }
```

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

```
.background{ background-color: rgb(248,  
251, 197) }
```

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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