

Converting Colors

$Yxy(91.9023, 0.3202, 0.3475)$

Have a look what the booklet for
Yxy(91.9023, 0.3202, 0.3475)
contains.

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Color

Yxy(91.9027, 0.3202, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	F3F8E6
RGB	243, 248, 230
RGB Percent	95%, 97%, 90%
CMY	0.0472, 0.0274, 0.0980
CMYK	0.02, 0.00, 0.07, 0.03
HSL	77°, 56%, 94%
HSV	77°, 7%, 97%
XYZ	84.8047, 91.9027, 88.1418
YIQ	244.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

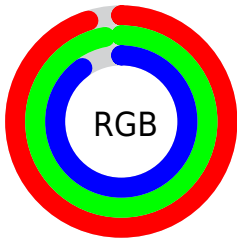
Format	Color
R_{YB}	230, 248, 235
Decimal	15988966
CIE Lab	96.78, -4.77, 8.05
CIE LCh	97, 9.359, 120.638
Yxy	91.9027, 0.3202, 0.3470
Android (android.graphics.Color)	4294179046 (0xFFFF3F8E6)
YUV	244.4530, -7.1253, -1.2743
Hunter-Lab	95.8659, -9.8609, 12.5932

Details

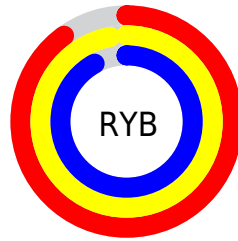
The Yxy color **91.9027, 0.3202, 0.3470** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **81.0534, 0.3049, 0.3107**, and the grayscale version is **90.9045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3592, 0.3215, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **89.3964, 0.3306, 0.3731**, and if you desaturate by 10%, it is **94.6622, 0.3099, 0.3224**.

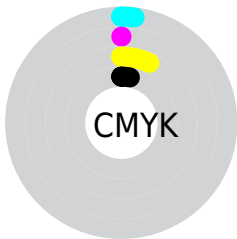
Distribution



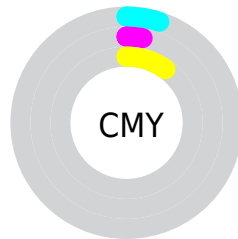
- Red (95%)
- Green (97%)
- Blue (90%)



- Red (90%)
- Yellow (97%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)




- Cyan (5%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9027, 0.3202, 0.3470 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 91.9027, 0.3202, 0.3470 by changing the saturation by 10% instead.

 91.9027, 0.3202,
0.3470

 91.9027, 0.3202,
0.3470


534.2010, 0.3169,
0.3389

 69.5598, 0.3209,
0.3488

149.9785, 0.3191,
0.3443

 51.1678, 0.3218,
0.3510

186.4803, 0.3187,
0.3432

 36.3421, 0.3228,
0.3537


228.4704, 0.3183,
0.3422

 24.6985, 0.3242,
0.3571

276.3333, 0.3179,
0.3414

 15.8526, 0.3259,
0.3617

330.4535, 0.3176,
0.3407

 9.4199, 0.3283,
0.3681

391.2152, 0.3174,

 5.0161, 0.3318,

0.3400

0.3776

459.0029, 0.3171,
0.3395

■ 2.2567, 0.3370,
0.3931

■ 0.7506, 0.3727,
0.4686

■ 91.9027, 0.3202,
0.3470

■ 91.9027, 0.3202,
0.3470

■ 89.3964, 0.3306,
0.3731

■ 94.6622, 0.3099,
0.3224

■ 87.1224, 0.3409,
0.4004

■ 95.6242, 0.3130,
0.3223

■ 85.0753, 0.3506,
0.4280

■ 83.2449, 0.3592,
0.4550

■ 81.6202, 0.3662,
0.4802

■ 80.1890, 0.3710,
0.5025

■ 78.9373, 0.3734,
0.5207

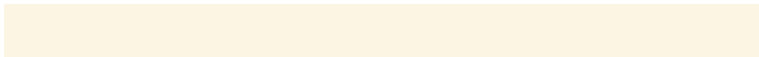
■ 77.8491, 0.3732,
0.5342

■ 76.9036, 0.3706,
0.5428

Harmonies

Analogous

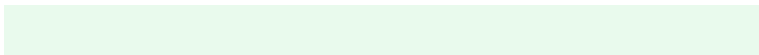
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9027, 0.3288, 0.3462



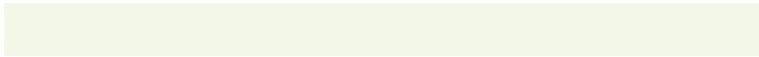
91.9027, 0.3202, 0.3470



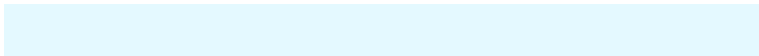
91.9027, 0.3097, 0.3428

Triad

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



91.9027, 0.3202, 0.3470



91.9027, 0.2928, 0.3169



91.9027, 0.3253, 0.3233

Complementary

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



91.9027, 0.3202, 0.3470



81.0534, 0.3049, 0.3107

Split Complementary

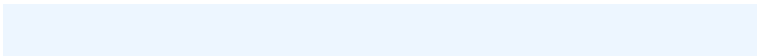
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9027, 0.3155, 0.3158



91.9027, 0.3202, 0.3470



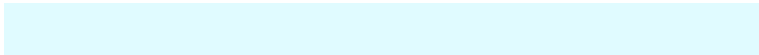
91.9027, 0.2968, 0.3120

Square

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



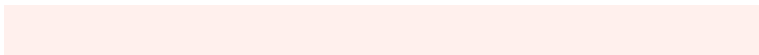
91.9027, 0.3202, 0.3470



91.9027, 0.2940, 0.3252



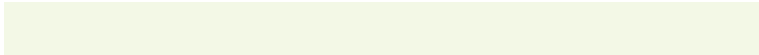
91.9027, 0.3050, 0.3117



91.9027, 0.3318, 0.3323

Rectangle

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



91.9027, 0.3202, 0.3470



91.9027, 0.3031, 0.3377



91.9027, 0.3050, 0.3117



91.9027, 0.3223, 0.3205

Sweetspot

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



91.9067, 0.3202, 0.3470



99.4055, 0.3148, 0.3339



84.9840, 0.3247, 0.3338



21.2831, 0.3147, 0.3336



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.



91.9067, 0.3202, 0.3470



97.4083, 0.3220, 0.3515



90.3870, 0.3145, 0.3473



19.9317, 0.3225, 0.3527



41.4805, 0.3705, 0.5440



3.8950, 0.3765, 0.5393

Inverse Universe

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



81.0534, 0.3049, 0.3107



83.2232, 0.3029, 0.3061



82.5802, 0.3107, 0.3111



16.8787, 0.3023, 0.3048



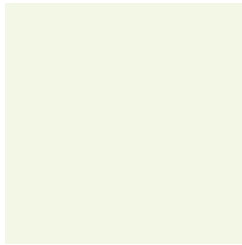
4.4163, 0.1677, 0.0698



0.4598, 0.1798, 0.0764

Previews

White Background



This preview shows how the Yxy color 91.9027, 0.3202, 0.3470 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 91.9027, 0.3202, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

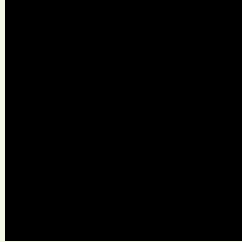
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

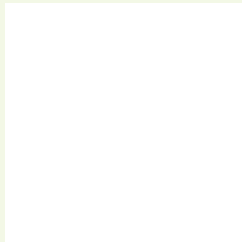
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9027, 0.3202, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 91.9027, 0.3202, 0.3470.

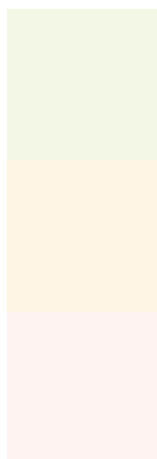


This preview shows how white text looks on a background with the Yxy color 91.9027, 0.3202, 0.3470.

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

91.9027, 0.3202, 0.3470

Protanopia

91.9771, 0.3290, 0.3457

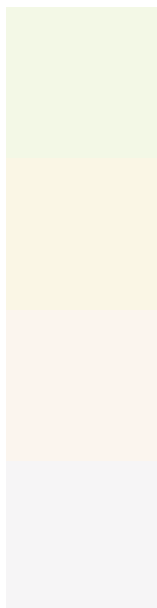
Deuteranopia

91.7720, 0.3212, 0.3300

Tritanopia

91.6955, 0.3081, 0.3183

Trichromacy



Original Color

91.9027, 0.3202, 0.3470

Protanomaly

91.8927, 0.3256, 0.3458

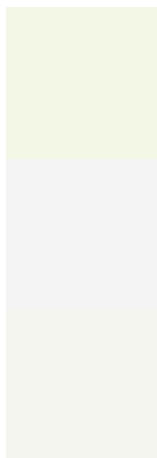
Deuteranomaly

91.9871, 0.3208, 0.3359

Tritanomaly

91.5515, 0.3128, 0.3280

Monochromacy



Original Color

91.9027, 0.3202, 0.3470

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.7699, 0.3157, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9027, 0.3202, 0.3470 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(243, 248, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 230)  
}
```

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(243, 248, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 230) }
```

Border

The CSS property to change the border of an element to Yxy 91.9027, 0.3202, 0.3470 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(243, 248, 230) }
```

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

```
.border{ border-color:rgb(243, 248, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9027, 0.3202, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 230) }
```

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

```
.background{ background-color: rgb(243,  
248, 230) }
```

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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