

Converting Colors

Yxy(92.4403, 0.3200, 0.3424)

Have a look what the booklet for
Yxy(92.4403, 0.3200, 0.3424)
contains.

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Color

Yxy(92.6681, 0.3198, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	F6F8EA
RGB	246, 248, 234
RGB Percent	96%, 97%, 92%
CMY	0.0352, 0.0274, 0.0824
CMYK	0.01, 0.00, 0.06, 0.03
HSL	69°, 50%, 95%
HSV	69°, 6%, 97%
XYZ	86.4254, 92.6681, 91.1547
YIQ	245.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

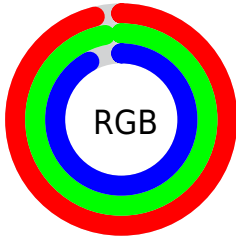
Format	Color
R_{YB}	234, 248, 236
Decimal	16185578
CIE Lab	97.09, -3.07, 6.49
CIE LCh	97, 7.180, 115.302
Yxy	92.6681, 0.3198, 0.3429
Android (android.graphics.Color)	4294375658 (0xFFFF6F8EA)
YUV	245.8060, -5.8204, 0.1701
Hunter-Lab	96.2643, -8.2065, 11.2420

Details

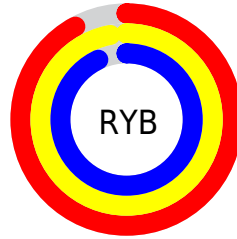
The Yxy color 92.6681, 0.3198, 0.3429 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.4371, 0.3054, 0.3148, and the grayscale version is 92.0429, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8608, 0.3217, 0.3467 is the 20% darker color. If you saturate the color by 10%, you get 90.7151, 0.3326, 0.3684, and if you desaturate by 10%, it is 94.5950, 0.3096, 0.3222.

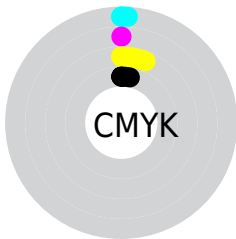
Distribution



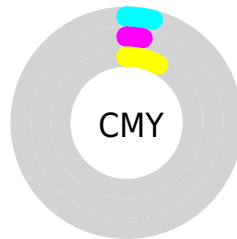
- Red (96%)
- Green (97%)
- Blue (92%)



- Red (92%)
- Yellow (97%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)





- Cyan (4%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6681, 0.3198, 0.3429 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 92.6681, 0.3198, 0.3429 by changing the saturation by 10% instead.


 92.6681, 0.3198,
0.3429

 92.6681, 0.3198,
0.3429

536.6724, 0.3167,
0.3367

 70.1957, 0.3205,
0.3443

151.0390, 0.3187,
0.3408

 51.6861, 0.3213,
0.3459


187.7063, 0.3183,
0.3400

 36.7549, 0.3223,
0.3480


229.8740, 0.3180,
0.3392

 25.0178, 0.3236,
0.3506

277.9265, 0.3176,
0.3386

 16.0903, 0.3253,
0.3541

332.2482, 0.3174,
0.3381

 9.5881, 0.3276,
0.3589

393.2235, 0.3171,

 5.1267, 0.3310,

0.3376

0.3661

461.2367, 0.3169,
0.3371

■ 2.3218, 0.3362,
0.3776

■ 0.7852, 0.3614,
0.4227

■ 92.6681, 0.3198,
0.3429

■ 92.6681, 0.3198,
0.3429

■ 90.7151, 0.3326,
0.3684

■ 94.5950, 0.3096,
0.3222

■ 88.9613, 0.3453,
0.3946

■ 95.2492, 0.3118,
0.3223

■ 87.4019, 0.3577,
0.4208

■ 95.6174, 0.3130,
0.3223

■ 86.0272, 0.3690,
0.4460

■ 84.8270, 0.3788,
0.4691

■ 83.7896, 0.3866,
0.4890

■ 82.9020, 0.3919,
0.5050

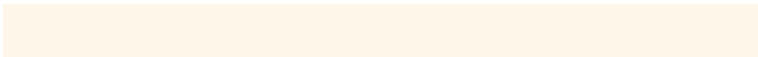
■ 82.1489, 0.3945,
0.5164

■ 81.5117, 0.3946,
0.5232

Harmonies

Analogous

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



92.6681, 0.3259, 0.3416



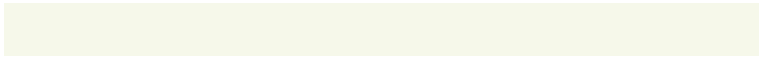
92.6681, 0.3198, 0.3429



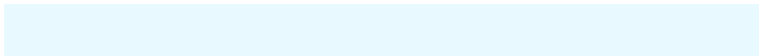
92.6681, 0.3119, 0.3404

Triad

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



92.6681, 0.3198, 0.3429



92.6681, 0.2973, 0.3208



92.6681, 0.3212, 0.3235

Complementary

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



92.6681, 0.3198, 0.3429



83.4371, 0.3054, 0.3148

Split Complementary

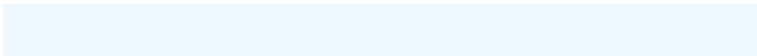
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6681, 0.3134, 0.3180



92.6681, 0.3198, 0.3429



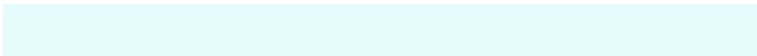
92.6681, 0.2997, 0.3164

Square

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



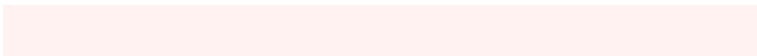
92.6681, 0.3198, 0.3429



92.6681, 0.2989, 0.3274



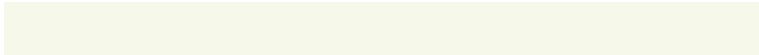
92.6681, 0.3056, 0.3155



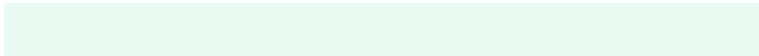
92.6681, 0.3267, 0.3303

Rectangle

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



92.6681, 0.3198, 0.3429



92.6681, 0.3066, 0.3368



92.6681, 0.3056, 0.3155



92.6681, 0.3187, 0.3214

Sweetspot

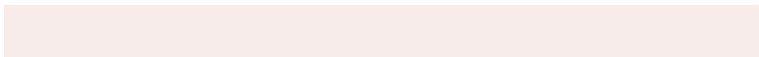
The Sweet Spot groups the original color and five complimentary colors.



92.6721, 0.3198, 0.3429



99.5389, 0.3152, 0.3339



85.7993, 0.3221, 0.3309



21.3103, 0.3151, 0.3336



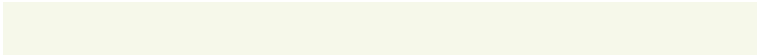
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



92.6721, 0.3198, 0.3429



98.4262, 0.3215, 0.3463



91.4482, 0.3153, 0.3431



20.1417, 0.3223, 0.3478



43.9413, 0.3945, 0.5250



4.1028, 0.3976, 0.5225

Inverse Universe

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



83.4371, 0.3054, 0.3148



86.3448, 0.3036, 0.3113



84.6400, 0.3099, 0.3150



17.4689, 0.3028, 0.3097



3.8909, 0.1555, 0.0631



0.3951, 0.1643, 0.0679

Previews

White Background



This preview shows how the Yxy color 92.6681, 0.3198, 0.3429 looks on a white background.

Color Contrast Check

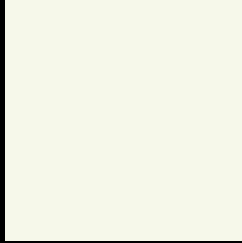
Large Text (above 18pt) WCAG AA × Fail

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 92.6681, 0.3198, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

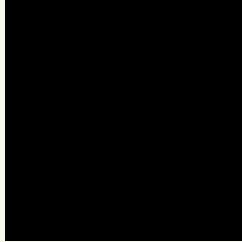
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

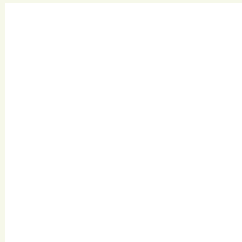
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6681, 0.3198, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 92.6681, 0.3198, 0.3429.

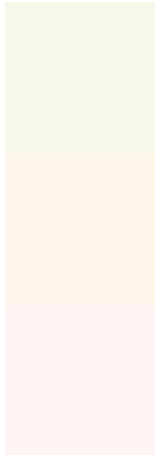


This preview shows how white text looks on a background with the Yxy color 92.6681, 0.3198, 0.3429.

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

92.6681, 0.3198, 0.3429

Protanopia

92.8656, 0.3258, 0.3417

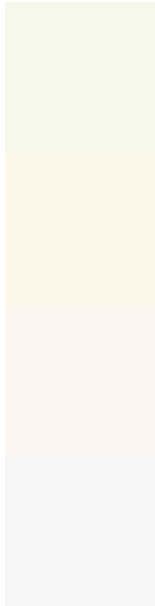
Deuteranopia

92.4930, 0.3199, 0.3290

Tritanopia

92.4813, 0.3087, 0.3193

Trichromacy



Original Color

92.6681, 0.3198, 0.3429

Protanomaly

92.9140, 0.3237, 0.3428

Deuteranomaly

92.2915, 0.3203, 0.3339

Tritanomaly

92.4011, 0.3128, 0.3280

Monochromacy



Original Color

92.6681, 0.3198, 0.3429

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.5252, 0.3150, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6681, 0.3198, 0.3429 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(246, 248, 234)` looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 234)  
}
```

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(246, 248, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 234) }
```

Border

The CSS property to change the border of an element to Yxy 92.6681, 0.3198, 0.3429 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(246, 248, 234) }
```

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

```
.border{ border-color:rgb(246, 248, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 248, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 248, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 248, 234); box-shadow:4px 4px 4px 4px rgb(246, 248, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6681, 0.3198, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 234) }
```

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

```
.background{ background-color: rgb(246,  
248, 234) }
```

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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