

Converting Colors

Yxy(92.6181, 0.3269, 0.3560)

Have a look what the booklet for
Yxy(92.6181, 0.3269, 0.3560)
contains.

Yxy(92.6181, 0.3269, 0.3560)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.6181, 0.3269, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9DE
RGB	246, 249, 222
RGB Percent	96%, 98%, 87%
CMY	0.0356, 0.0234, 0.1294
CMYK	0.01, 0.00, 0.11, 0.02
HSL	67°, 69%, 92%
HSV	67°, 11%, 98%
XYZ	85.0474, 92.6181, 82.4978
YIQ	245.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

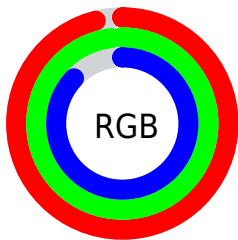
Format	Color
R _Y B	222, 249, 225
Decimal	16185822
CIE Lab	97.07, -5.57, 12.62
CIE LCh	97, 13.797, 113.807
Yxy	92.6181, 0.3269, 0.3560
Android (android.graphics.Color)	4294375902 (0xFFFF6F9DE)
YUV	245.0250, -11.3513, 0.8551
Hunter-Lab	96.2383, -10.6737, 16.5420

Details

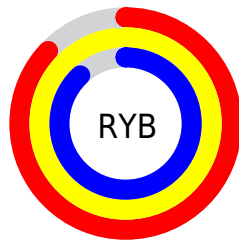
The Yxy color $92.6181, 0.3269, 0.3560$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $75.1043, 0.2977, 0.3009$, and the grayscale version is $91.4154, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.8771, 0.3301, 0.3622$ is the 20% darker color. If you saturate the color by 10%, you get $90.8720, 0.3402, 0.3818$, and if you desaturate by 10%, it is $94.5774, 0.3138, 0.3311$.

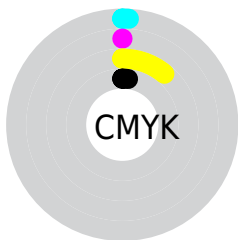
Distribution



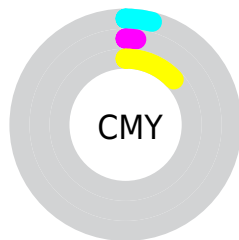
- Red (96%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6181, 0.3269, 0.3560 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 92.6181, 0.3269, 0.3560 by changing the saturation by 10% instead.


 92.6181, 0.3269,
0.3560

 92.6181, 0.3269,
0.3560

536.5111, 0.3207,
0.3439

 70.1541, 0.3282,
0.3587


150.9698, 0.3248,
0.3519

 51.6522, 0.3299,
0.3619

187.6263, 0.3240,
0.3503

 36.7279, 0.3319,
0.3660


229.7824, 0.3232,
0.3489

 24.9969, 0.3344,
0.3712

277.8225, 0.3226,
0.3476

 16.0747, 0.3377,
0.3780

332.1311, 0.3220,
0.3465

 9.5771, 0.3421,
0.3876

393.0924, 0.3215,

 5.1194, 0.3484,

0.3456

0.4016

461.0910, 0.3211,
0.3447

■ 2.3175, 0.3578,
0.4242

■ 0.7830, 0.4372,
0.5628

■ 92.6181, 0.3269,
0.3560

■ 92.6181, 0.3269,
0.3560

■ 90.8720, 0.3402,
0.3818

■ 94.5774, 0.3138,
0.3311

■ 89.3184, 0.3533,
0.4079

■ 95.6160, 0.3109,
0.3233

■ 87.9520, 0.3657,
0.4333

■ 96.1518, 0.3127,
0.3233

■ 86.7628, 0.3768,
0.4571

■ 96.2483, 0.3130,
0.3233

■ 85.7396, 0.3861,
0.4782

■ 84.8702, 0.3931,
0.4956

■ 84.1404, 0.3975,
0.5086

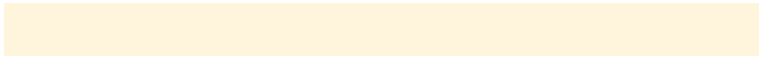
■ 83.5333, 0.3992,
0.5171

■ 83.0607, 0.3989,
0.5214

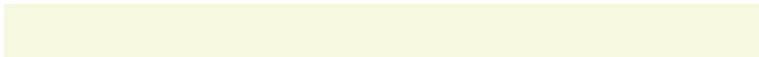
Harmonies

Analogous

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



92.6181, 0.3385, 0.3529



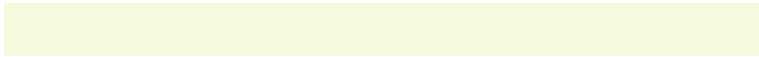
92.6181, 0.3269, 0.3560



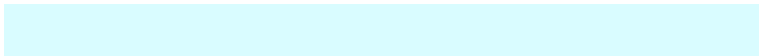
92.6181, 0.3117, 0.3515

Triad

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



92.6181, 0.3269, 0.3560



92.6181, 0.2833, 0.3135



92.6181, 0.3283, 0.3178

Complementary

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



92.6181, 0.3269, 0.3560



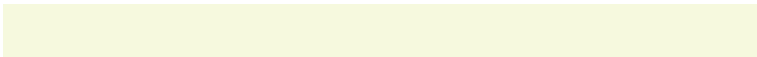
75.1043, 0.2977, 0.3009

Split Complementary

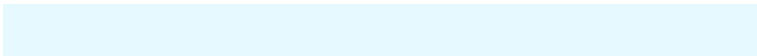
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6181, 0.3131, 0.3079



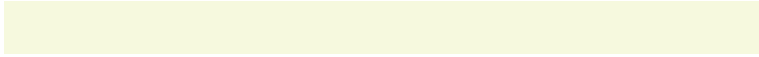
92.6181, 0.3269, 0.3560



92.6181, 0.2874, 0.3052

Square

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



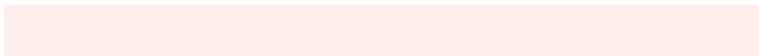
92.6181, 0.3269, 0.3560



92.6181, 0.2868, 0.3264



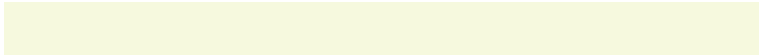
92.6181, 0.2982, 0.3032



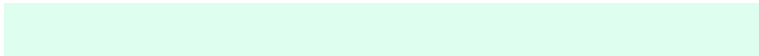
92.6181, 0.3393, 0.3306

Rectangle

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



92.6181, 0.3269, 0.3560



92.6181, 0.3017, 0.3447



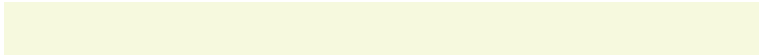
92.6181, 0.2982, 0.3032



92.6181, 0.3235, 0.3140

Sweetspot

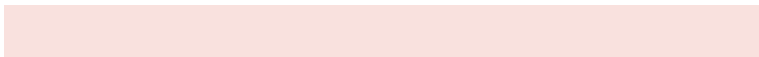
The Sweet Spot groups the original color and five complimentary colors.



92.6221, 0.3269, 0.3560



99.3511, 0.3166, 0.3363



79.1064, 0.3318, 0.3318



21.2288, 0.3176, 0.3383



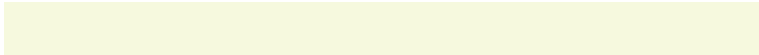
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



92.6221, 0.3269, 0.3560



97.3325, 0.3298, 0.3615



90.3334, 0.3183, 0.3567



20.0839, 0.3251, 0.3526



44.4901, 0.3993, 0.5212



4.1483, 0.4018, 0.5191

Inverse Universe

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



75.1043, 0.2977, 0.3009



75.4949, 0.2944, 0.2948



77.2961, 0.3065, 0.3016



16.7382, 0.2997, 0.3046



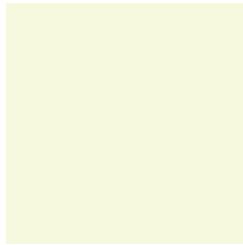
3.8274, 0.1540, 0.0622



0.3843, 0.1616, 0.0664

Previews

White Background



This preview shows how the Yxy color 92.6181, 0.3269, 0.3560 looks on a white background.

Color Contrast Check

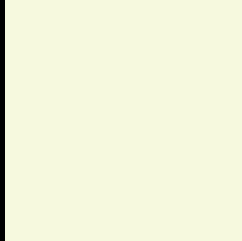
Large Text (above 18pt) WCAG AA × Fail

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 92.6181, 0.3269, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

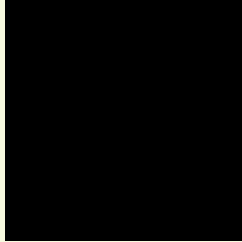
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

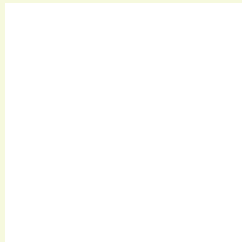
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6181, 0.3269, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 92.6181, 0.3269, 0.3560.

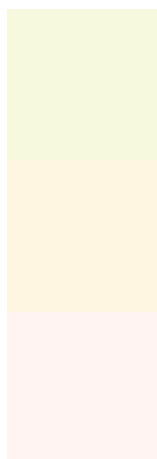


This preview shows how white text looks on a background with the Yxy color 92.6181, 0.3269, 0.3560.

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

92.6181, 0.3269, 0.3560

Protanopia

92.6625, 0.3308, 0.3486

Deuteranopia

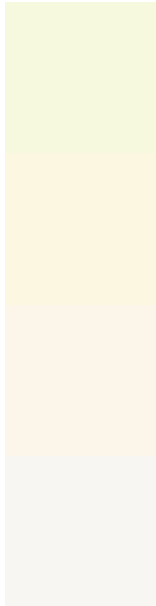
92.3122, 0.3217, 0.3319



Tritanopia

92.6646, 0.3093, 0.3193

Trichromacy



Original Color

92.6181, 0.3269, 0.3560

Protanomaly

92.6532, 0.3293, 0.3507

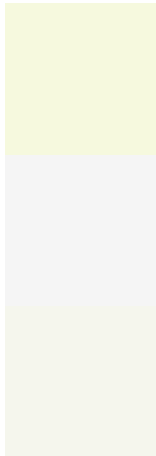
Deuteranomaly

92.5475, 0.3239, 0.3408

Tritanomaly

92.3391, 0.3158, 0.3320

Monochromacy



Original Color

92.6181, 0.3269, 0.3560

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.4384, 0.3175, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6181, 0.3269, 0.3560 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, 249, 222)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 222)  
}
```

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, 249, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 222) }
```

Border

The CSS property to change the border of an element to Yxy 92.6181, 0.3269, 0.3560 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, 249, 222) }
```

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

```
.border{ border-color:rgb(246, 249, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 222);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6181, 0.3269, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 222) }
```

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

```
.background{ background-color: rgb(246,  
249, 222) }
```

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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