

Converting Colors

$Yxy(92.8473, 0.3323, 0.3666)$

Have a look what the booklet for
Yxy(92.8473, 0.3323, 0.3666)
contains.

Yxy(92.7681, 0.3323, 0.3661)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.7681, 0.3323, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	F6FAD5
RGB	246, 250, 213
RGB Percent	96%, 98%, 84%
CMY	0.0353, 0.0196, 0.1647
CMYK	0.02, 0.00, 0.15, 0.02
HSL	66°, 79%, 91%
HSV	66°, 15%, 98%
XYZ	84.2033, 92.7681, 76.4241
YIQ	244.5860, 9.4930, -12.3550

Conversions

Conversions Part 2

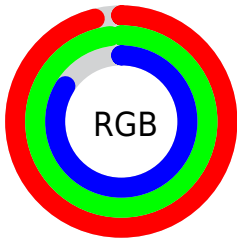
Format	Color
R _Y B	213, 250, 217
Decimal	16186069
CIE Lab	97.13, -7.43, 17.32
CIE LCh	97, 18.844, 113.226
Yxy	92.7681, 0.3323, 0.3661
Android (android.graphics.Color)	4294376149 (0xFFFF6FAD5)
YUV	244.5860, -15.5719, 1.2401
Hunter-Lab	96.3162, -12.5018, 20.3765

Details

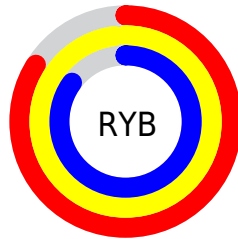
The Yxy color **92.7681, 0.3323, 0.3661** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.2493, 0.2914, 0.2897**, and the grayscale version is **91.0857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9993, 0.3369, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **91.1134, 0.3457, 0.3921**, and if you desaturate by 10%, it is **94.6338, 0.3190, 0.3408**.

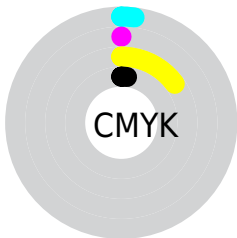
Distribution



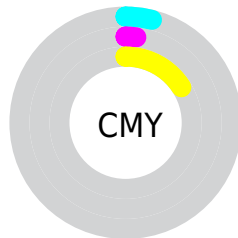
- Red (96%)
- Green (98%)
- Blue (84%)



- Red (84%)
- Yellow (98%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7681, 0.3323, 0.3661 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 92.7681, 0.3323, 0.3661 by changing the saturation by 10% instead.

 92.7681, 0.3323,
0.3661

 92.7681, 0.3323,
0.3661


536.9948, 0.3238,
0.3494

 70.2788, 0.3341,
0.3698


151.1775, 0.3294,
0.3604

 51.7538, 0.3363,
0.3743


187.8664, 0.3283,
0.3582

 36.8089, 0.3391,
0.3799


230.0572, 0.3273,
0.3562

 25.0596, 0.3424,
0.3870

278.1344, 0.3264,
0.3545

 16.1214, 0.3468,
0.3965

332.4824, 0.3256,
0.3530

 9.6101, 0.3526,
0.4096

393.4855, 0.3249,

 5.1412, 0.3605,

0.3517

0.4287

461.5282, 0.3243,
0.3505

■ 2.3304, 0.3720,
0.4595

■ 0.7897, 0.4189,
0.5811

■ 92.7681, 0.3323,
0.3661

■ 92.7681, 0.3323,
0.3661

■ 91.1134, 0.3457,
0.3921

■ 94.6338, 0.3190,
0.3408

■ 89.6485, 0.3587,
0.4180

■ 96.1798, 0.3107,
0.3242

■ 88.3677, 0.3708,
0.4428

■ 96.6867, 0.3124,
0.3242

■ 87.2607, 0.3814,
0.4655

■ 96.8541, 0.3129,
0.3242

■ 86.3157, 0.3899,
0.4851

■ 85.5197, 0.3960,
0.5007

■ 84.8573, 0.3995,
0.5117

■ 84.3100, 0.4003,
0.5184

■ 84.0566, 0.4001,
0.5205

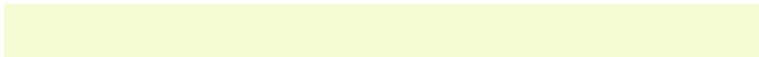
Harmonies

Analogous

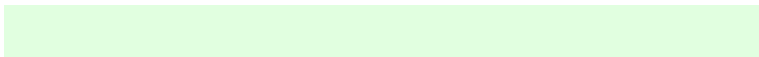
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7681, 0.3481, 0.3613



92.7681, 0.3323, 0.3661



92.7681, 0.3116, 0.3603

Triad

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



92.7681, 0.3323, 0.3661



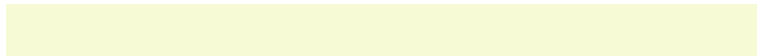
92.7681, 0.2728, 0.3079



92.7681, 0.3335, 0.3134

Complementary

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



92.7681, 0.3323, 0.3661



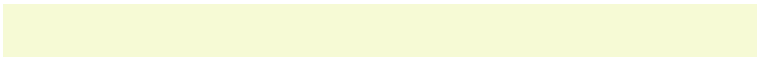
69.2493, 0.2914, 0.2897

Split Complementary

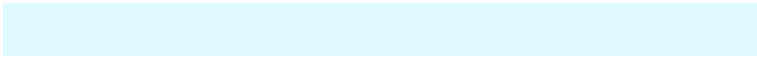
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7681, 0.3127, 0.3003



92.7681, 0.3323, 0.3661



92.7681, 0.2781, 0.2967

Square

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



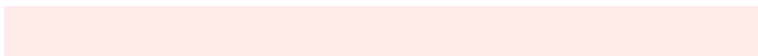
92.7681, 0.3323, 0.3661



92.7681, 0.2777, 0.3256



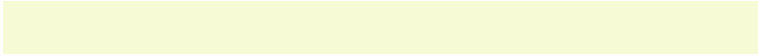
92.7681, 0.2925, 0.2941



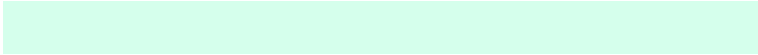
92.7681, 0.3489, 0.3306

Rectangle

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



92.7681, 0.3323, 0.3661



92.7681, 0.2979, 0.3510



92.7681, 0.2925, 0.2941



92.7681, 0.3269, 0.3084

Sweetspot

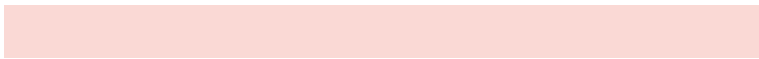
The Sweet Spot groups the original color and five complimentary colors.



92.7722, 0.3323, 0.3661



99.1517, 0.3179, 0.3388



74.6055, 0.3399, 0.3329



21.1893, 0.3189, 0.3407



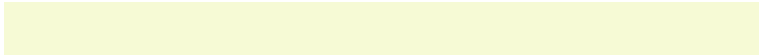
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

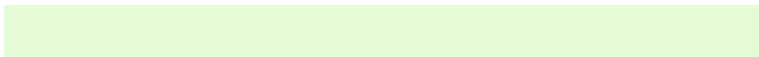
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7722, 0.3323, 0.3661



96.4590, 0.3366, 0.3744



89.6413, 0.3203, 0.3675



20.0898, 0.3252, 0.3525



44.6231, 0.4004, 0.5203



4.1593, 0.4028, 0.5184

Inverse Universe

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



69.2493, 0.2914, 0.2897



67.1758, 0.2862, 0.2802



72.1933, 0.3040, 0.2911



16.7328, 0.2996, 0.3046



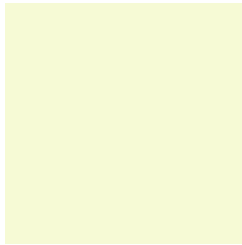
3.8142, 0.1537, 0.0620



0.3818, 0.1610, 0.0661

Previews

White Background



This preview shows how the Yxy color 92.7681, 0.3323, 0.3661 looks on a white background.

Color Contrast Check

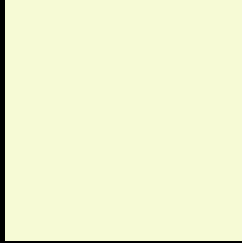
Large Text (above 18pt) WCAG AA × Fail

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 92.7681, 0.3323, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

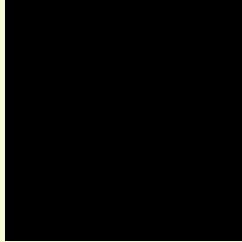
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

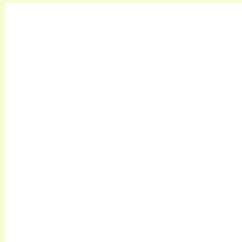
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7681, 0.3323, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 92.7681, 0.3323, 0.3661.

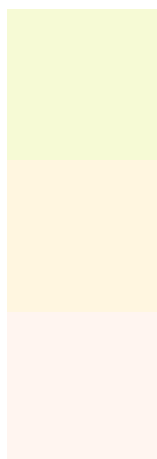


This preview shows how white text looks on a background with the Yxy color 92.7681, 0.3323, 0.3661.

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

92.7681, 0.3323, 0.3661

Protanopia

92.5534, 0.3320, 0.3506

Deuteranopia

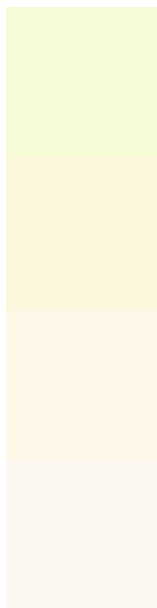
92.8561, 0.3222, 0.3339



Tritanopia

92.8488, 0.3100, 0.3193

Trichromacy



Original Color

92.7681, 0.3323, 0.3661

Protanomaly

92.3843, 0.3324, 0.3557

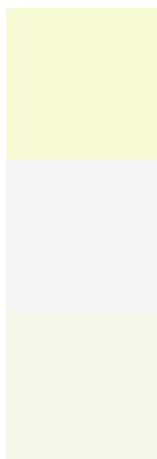
Deuteranomaly

92.9301, 0.3262, 0.3457

Tritanomaly

92.9525, 0.3182, 0.3359

Monochromacy



Original Color

92.7681, 0.3323, 0.3661

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.8172, 0.3198, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7681, 0.3323, 0.3661 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, 250, 213)` looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 213)  
}
```

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, 250, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 213) }
```

Border

The CSS property to change the border of an element to Yxy 92.7681, 0.3323, 0.3661 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, 250, 213) }
```

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

```
.border{ border-color:rgb(246, 250, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 250, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7681, 0.3323, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 250, 213) }
```

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

```
.background{ background-color: rgb(246,  
250, 213) }
```

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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