

Converting Colors

$Y_{xy}(100.0000, 0.3551, 0.3490)$

Have a look what the booklet for
Yxy(100.0000, 0.3551, 0.3490)
contains.

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Color

Yxy(92.5534, 0.3320, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6E0
RGB	255, 246, 224
RGB Percent	100%, 96%, 88%
CMY	0.0001, 0.0352, 0.1214
CMYK	0.00, 0.04, 0.12, 0.00
HSL	43°, 100%, 94%
HSV	43°, 12%, 100%
XYZ	87.6433, 92.5534, 83.7891
YIQ	246.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

Format	Color
R _Y B	237, 255, 224
Decimal	16774880
CIE Lab	97.05, -0.60, 11.63
CIE LCh	97, 11.647, 92.966
Yxy	92.5534, 0.3320, 0.3506
Android (android.graphics.Color)	4294964960 (0xFFFFF6E0)
YUV	246.1830, -10.9362, 7.7325
Hunter-Lab	96.2047, -5.7432, 15.7049

Details

The Yxy color 92.5534, 0.3320, 0.3506 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.3372, 0.2936, 0.3064, and the grayscale version is 92.3979, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.6973, 0.3358, 0.3553 is the 20% darker color. If you saturate the color by 10%, you get 86.8774, 0.3495, 0.3692, and if you desaturate by 10%, it is 98.6232, 0.3159, 0.3327.

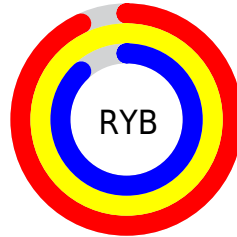
Distribution



Red (100%)

Green (96%)

Blue (88%)



Red (93%)

Yellow (100%)

Blue (88%)



Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5534, 0.3320, 0.3506 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 92.5534, 0.3320, 0.3506 by changing the saturation by 10% instead.


 92.5534, 0.3320,
0.3506

 92.5534, 0.3320,
0.3506

536.3024, 0.3235,
0.3410

 70.1004, 0.3339,
0.3527


150.8802, 0.3291,
0.3474

 51.6084, 0.3361,
0.3552

187.5227, 0.3280,
0.3461

 36.6930, 0.3389,
0.3584

229.6638, 0.3270,
0.3449

 24.9699, 0.3425,
0.3624

277.6879, 0.3261,
0.3440

 16.0546, 0.3472,
0.3677

331.9795, 0.3253,
0.3431

 9.5628, 0.3536,
0.3750

392.9228, 0.3246,

 5.1101, 0.3628,

0.3423

0.3855

460.9023, 0.3240,
0.3416

■ 2.3120, 0.3773,
0.4020

■ 0.7800, 0.4710,
0.5056

■ 92.5534, 0.3320,
0.3506

■ 92.5534, 0.3320,
0.3506

■ 86.8774, 0.3495,
0.3692

■ 98.6232, 0.3159,
0.3327

■ 81.5716, 0.3683,
0.3880

99.9929, 0.3127,
0.3290

■ 76.6283, 0.3880,
0.4064

■ 72.0345, 0.4081,
0.4234

■ 67.7763, 0.4277,
0.4379

■ 63.8383, 0.4460,
0.4489

■ 60.2028, 0.4620,
0.4553

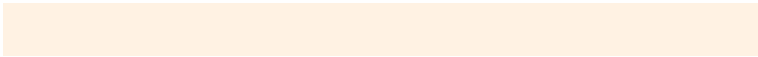
■ 56.8492, 0.4749,
0.4566

■ 54.3851, 0.4831,
0.4546

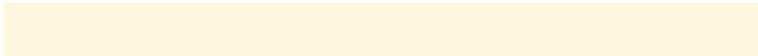
Harmonies

Analogous

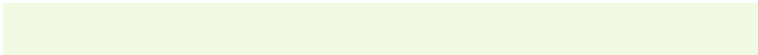
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5534, 0.3379, 0.3441



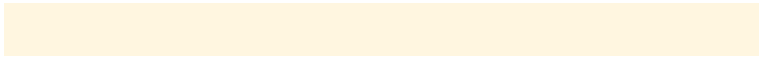
92.5534, 0.3320, 0.3506



92.5534, 0.3210, 0.3512

Triad

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



92.5534, 0.3320, 0.3506



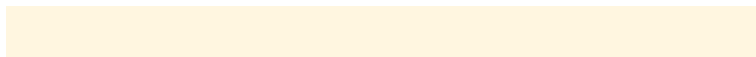
92.5534, 0.2892, 0.3233



92.5534, 0.3171, 0.3132

Complementary

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



92.5534, 0.3320, 0.3506



81.3372, 0.2936, 0.3064

Split Complementary

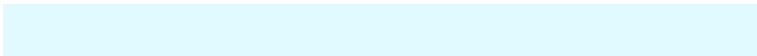
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5534, 0.3041, 0.3078



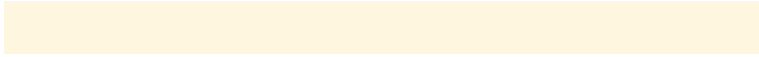
92.5534, 0.3320, 0.3506



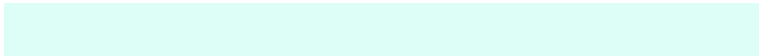
92.5534, 0.2882, 0.3133

Square

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



92.5534, 0.3320, 0.3506



92.5534, 0.2964, 0.3352



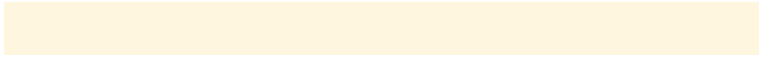
92.5534, 0.2936, 0.3077



92.5534, 0.3292, 0.3227

Rectangle

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



92.5534, 0.3320, 0.3506



92.5534, 0.3123, 0.3481



92.5534, 0.2936, 0.3077



92.5534, 0.3127, 0.3109

Sweetspot

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



92.5575, 0.3320, 0.3506



97.4922, 0.3188, 0.3360



80.4835, 0.3284, 0.3198



20.7679, 0.3200, 0.3373



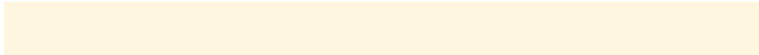
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

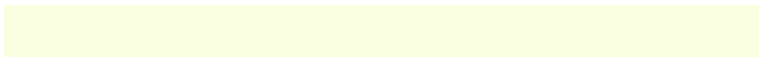
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5575, 0.3320, 0.3506



90.9191, 0.3369, 0.3559



96.9784, 0.3269, 0.3595



20.1507, 0.3276, 0.3458



28.6962, 0.4818, 0.4557



2.9820, 0.4730, 0.4627

Inverse Universe

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



81.3372, 0.2936, 0.3064



77.3184, 0.2888, 0.3006



77.4064, 0.2974, 0.2974



18.2336, 0.2979, 0.3116



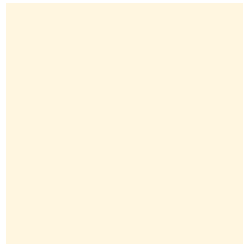
6.5359, 0.1603, 0.0969



0.8144, 0.1663, 0.1186

Previews

White Background



This preview shows how the Yxy color 92.5534, 0.3320, 0.3506 looks on a white background.

Color Contrast Check

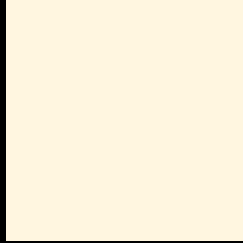
Large Text (above 18pt) WCAG AA × Fail

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 92.5534, 0.3320, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

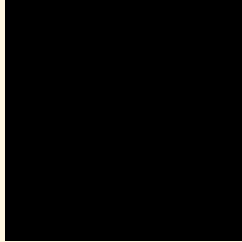
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.5534, 0.3320, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 92.5534, 0.3320, 0.3506.

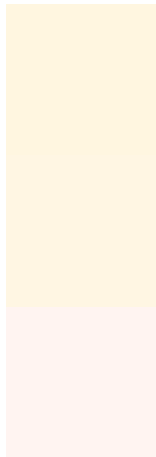


This preview shows how white text looks on a background with the Yxy color 92.5534, 0.3320, 0.3506.

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

92.5534, 0.3320, 0.3506

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

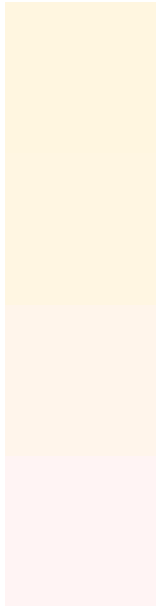
92.3122, 0.3217, 0.3319



Tritanopia

92.5812, 0.3133, 0.3175

Trichromacy



Original Color

92.5534, 0.3320, 0.3506

Protanomaly

92.6625, 0.3308, 0.3486

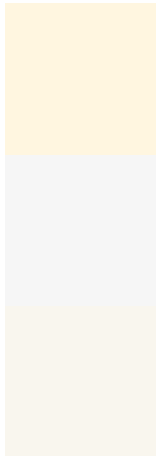
Deuteranomaly

92.5630, 0.3253, 0.3388

Tritanomaly

92.4930, 0.3199, 0.3290

Monochromacy



Original Color

92.5534, 0.3320, 0.3506

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.2243, 0.3195, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5534, 0.3320, 0.3506 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(255, 246, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 224)  
}
```

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(255, 246, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 224) }
```

Border

The CSS property to change the border of an element to Yxy 92.5534, 0.3320, 0.3506 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(255, 246, 224) }
```

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

```
.border{ border-color:rgb(255, 246, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5534, 0.3320, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 224) }
```

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

```
.background{ background-color: rgb(255,  
246, 224) }
```

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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