

Converting Colors

Yxy(100.1215, 0.3556, 0.3475)

Have a look what the booklet for
Yxy(100.1215, 0.3556, 0.3475)
contains.

Yxy(92.6625, 0.3308, 0.3486)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.6625, 0.3308, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6E2
RGB	255, 246, 226
RGB Percent	100%, 96%, 89%
CMY	0.0000, 0.0353, 0.1136
CMYK	0.00, 0.04, 0.11, 0.00
HSL	41°, 100%, 94%
HSV	41°, 11%, 100%
XYZ	87.9310, 92.6625, 85.2197
YIQ	246.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

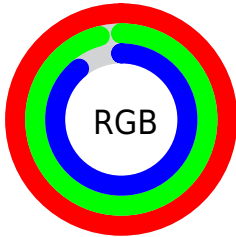
Format	Color
R_{YB}	239, 255, 226
Decimal	16774882
CIE _{Lab}	97.09, -0.26, 10.67
CIE _{LCh}	97, 10.673, 91.406
Yxy	92.6625, 0.3308, 0.3486
Android (android.graphics.Color)	4294964962 (0xFFFFF6E2)
YUV	246.4110, -10.0626, 7.5326
Hunter-Lab	96.2614, -5.4046, 14.8938

Details

The Yxy color **92.6625, 0.3308, 0.3486** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8252, 0.2949, 0.3086**, and the grayscale version is **92.5855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7730, 0.3342, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **86.6479, 0.3484, 0.3666**, and if you desaturate by 10%, it is **99.0914, 0.3148, 0.3313**.

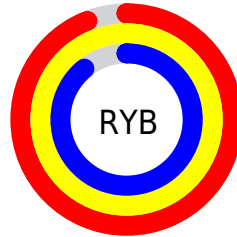
Distribution



Red (100%)

Green (96%)

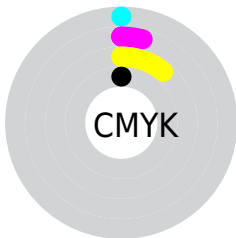
Blue (89%)



Red (94%)

Yellow (100%)

Blue (89%)

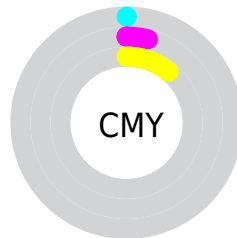


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6625, 0.3308, 0.3486 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 92.6625, 0.3308, 0.3486 by changing the saturation by 10% instead.

 92.6625, 0.3308,
0.3486

 92.6625, 0.3308,
0.3486


536.6543, 0.3228,
0.3399

 70.1910, 0.3326,
0.3505


151.0313, 0.3281,
0.3457

 51.6823, 0.3347,
0.3528

187.6973, 0.3270,
0.3445

 36.7519, 0.3373,
0.3557


229.8637, 0.3261,
0.3435

 25.0154, 0.3407,
0.3593

277.9148, 0.3253,
0.3426

 16.0886, 0.3451,
0.3641

332.2351, 0.3245,
0.3418

 9.5868, 0.3511,
0.3707

393.2088, 0.3239,

 5.1259, 0.3598,

0.3411

0.3802

461.2204, 0.3233,
0.3405

■ 2.3213, 0.3736,
0.3952

■ 0.7850, 0.4529,
0.4806

■ 92.6625, 0.3308,
0.3486

■ 92.6625, 0.3308,
0.3486

■ 86.6479, 0.3484,
0.3666

■ 99.0914, 0.3148,
0.3313

■ 81.0351, 0.3673,
0.3850

■ 100.0000, 0.3127,
0.3290

■ 75.8120, 0.3874,
0.4029

■ 70.9652, 0.4081,
0.4196

■ 66.4805, 0.4285,
0.4340

■ 62.3418, 0.4478,
0.4449

■ 58.5312, 0.4649,
0.4513

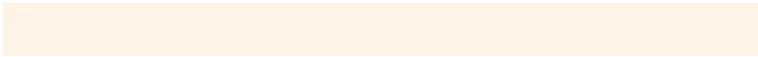
■ 55.0279, 0.4790,
0.4526

■ 52.2227, 0.4888,
0.4501

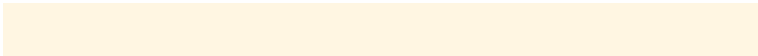
Harmonies

Analogous

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



92.6625, 0.3359, 0.3425



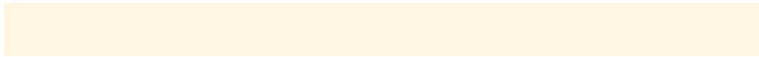
92.6625, 0.3308, 0.3486



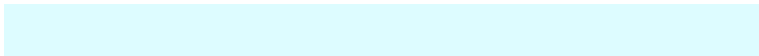
92.6625, 0.3209, 0.3495

Triad

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



92.6625, 0.3308, 0.3486



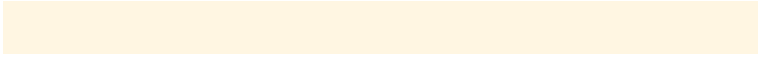
92.6625, 0.2913, 0.3244



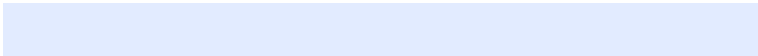
92.6625, 0.3162, 0.3142

Complementary

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



92.6625, 0.3308, 0.3486



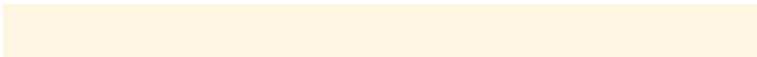
82.8252, 0.2949, 0.3086

Split Complementary

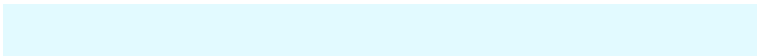
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6625, 0.3043, 0.3094



92.6625, 0.3308, 0.3486



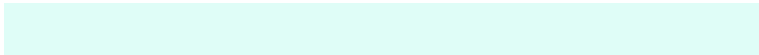
92.6625, 0.2901, 0.3150

Square

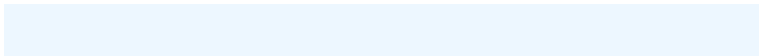
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6625, 0.3308, 0.3486



92.6625, 0.2982, 0.3353



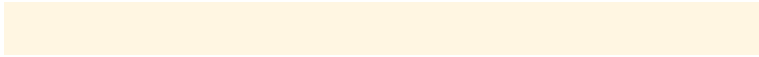
92.6625, 0.2948, 0.3096



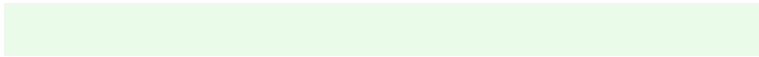
92.6625, 0.3273, 0.3227

Rectangle

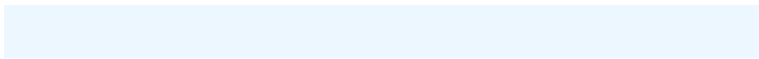
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.6625, 0.3308, 0.3486



92.6625, 0.3130, 0.3468



92.6625, 0.2948, 0.3096



92.6625, 0.3121, 0.3121

Sweetspot

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



92.6628, 0.3308, 0.3486



98.0100, 0.3173, 0.3341



81.6764, 0.3270, 0.3200



20.8657, 0.3185, 0.3354



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

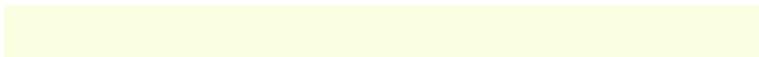
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6628, 0.3308, 0.3486



91.0367, 0.3353, 0.3533



97.2788, 0.3263, 0.3574



20.0825, 0.3277, 0.3453



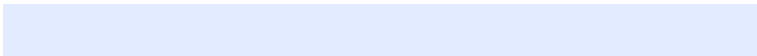
27.5657, 0.4874, 0.4512



2.8788, 0.4777, 0.4589

Inverse Universe

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



82.8252, 0.2949, 0.3086



79.1384, 0.2905, 0.3035



78.6717, 0.2982, 0.2995



18.2983, 0.2979, 0.3121



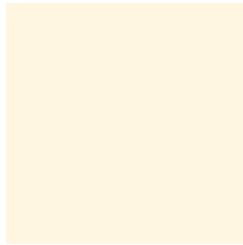
6.9437, 0.1616, 0.1019



0.8608, 0.1678, 0.1240

Previews

White Background



This preview shows how the Yxy color 92.6625, 0.3308, 0.3486 looks on a white background.

Color Contrast Check

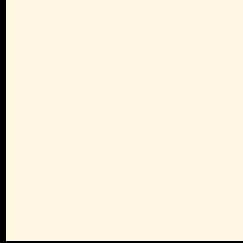
Large Text (above 18pt) WCAG AA × Fail

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 92.6625, 0.3308, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

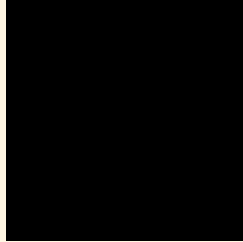
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

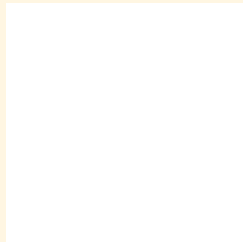
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6625, 0.3308, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 92.6625, 0.3308, 0.3486.

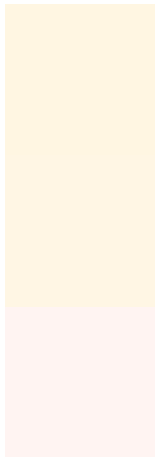


This preview shows how white text looks on a background with the Yxy color 92.6625, 0.3308, 0.3486.

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

92.6625, 0.3308, 0.3486

Protanopia

92.7730, 0.3296, 0.3466

Deuteranopia

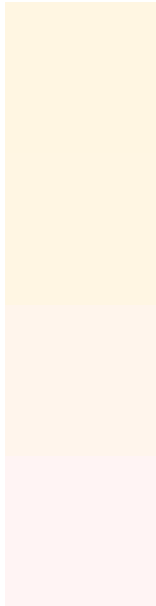
92.3722, 0.3211, 0.3310



Tritanopia

92.5812, 0.3133, 0.3175

Trichromacy



Original Color

92.6625, 0.3308, 0.3486

Protanomaly

92.7176, 0.3302, 0.3476

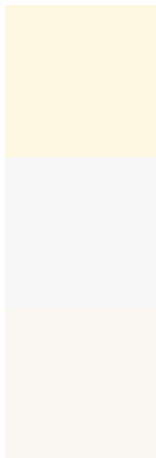
Deuteranomaly

92.6209, 0.3247, 0.3378

Tritanomaly

92.4930, 0.3199, 0.3290

Monochromacy



Original Color

92.6625, 0.3308, 0.3486

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.2833, 0.3189, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6625, 0.3308, 0.3486 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 226) }
```

Border

The CSS property to change the border of an element to Yxy 92.6625, 0.3308, 0.3486 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, 226) }
```

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

```
.border{ border-color:rgb(255, 246, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6625, 0.3308, 0.3486 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
246, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor