

Converting Colors

$Yxy(92.8133, 0.3247, 0.3381)$

Have a look what the booklet for
Yxy(92.8133, 0.3247, 0.3381)
contains.

| | |
|--|----|
| Yxy(92.6209, 0.3247, 0.3378) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(92.6209, 0.3247, 0.3378)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFF5EC |
| RGB | 255, 245, 236 |
| RGB Percent | 100%, 96%, 93% |
| CMY | 0.0000, 0.0392, 0.0745 |
| CMYK | 0.00, 0.04, 0.07, 0.00 |
| HSL | 28°, 100%, 96% |
| HSV | 28°, 7%, 100% |
| XYZ | 89.0290, 92.6209, 92.5386 |
| YIQ | 246.9640, 8.8490, -0.6790 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 253, 236 |
| Decimal | 16774636 |
| CIE _{Lab} | 97.07, 1.83, 5.51 |
| CIE _{LCh} | 97, 5.805, 71.619 |
| Yxy | 92.6209, 0.3247, 0.3378 |
| Android (android.graphics.Color) | 4294964716 (0xFFFFF5EC) |
| YUV | 246.9640, -5.4053, 7.0476 |
| Hunter-Lab | 96.2398, -3.2936, 10.3580 |

Details

The Yxy color 92.6209, 0.3247, 0.3378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.9491, 0.3012, 0.3200, and the grayscale version is 93.0218, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.6962, 0.3272, 0.3402 is the 20% darker color. If you saturate the color by 10%, you get 83.4309, 0.3429, 0.3502, and if you desaturate by 10%, it is 99.9981, 0.3127, 0.3290.

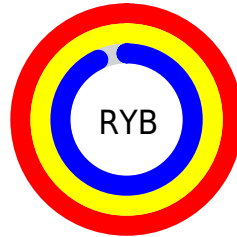
Distribution



Red (100%)

Green (96%)

Blue (93%)



Red (100%)

Yellow (99%)

Blue (93%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6209, 0.3247, 0.3378 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 92.6209, 0.3247, 0.3378 by changing the saturation by 10% instead.


 92.6209, 0.3247,
0.3378

 92.6209, 0.3247,
0.3378

536.5202, 0.3194,
0.3339

 70.1565, 0.3259,
0.3386


150.9737, 0.3229,
0.3365

 51.6541, 0.3273,
0.3397

187.6307, 0.3222,
0.3360

 36.7294, 0.3290,
0.3409

229.7875, 0.3216,
0.3355

 24.9981, 0.3313,
0.3425

277.8283, 0.3210,
0.3351

 16.0756, 0.3343,
0.3447

332.1376, 0.3205,
0.3348

 9.5777, 0.3383,
0.3476

393.0998, 0.3201,

 5.1199, 0.3443,

0.3345

0.3518

461.0991, 0.3197,
0.3342

■ 2.3178, 0.3539,
0.3584

■ 0.7831, 0.3868,
0.3839

■ 92.6209, 0.3247,
0.3378

■ 92.6209, 0.3247,
0.3378

■ 83.4309, 0.3429,
0.3502

99.9981, 0.3127,
0.3290

■ 75.0143, 0.3637,
0.3632

■ 67.3528, 0.3872,
0.3762

■ 60.4228, 0.4132,
0.3885

■ 54.1995, 0.4413,
0.3993

■ 48.6559, 0.4703,
0.4073

■ 43.7630, 0.4988,
0.4112

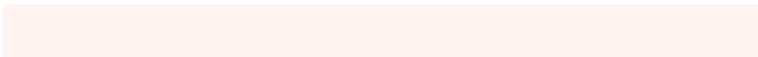
■ 39.4885, 0.5246,
0.4097

■ 35.7942, 0.5461,
0.4028

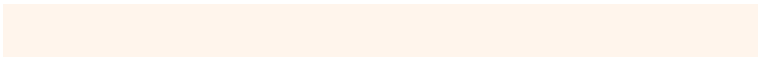
Harmonies

Analogous

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



92.6209, 0.3252, 0.3332



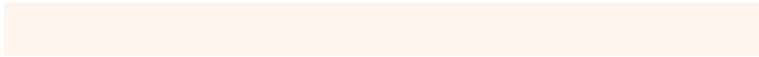
92.6209, 0.3247, 0.3378



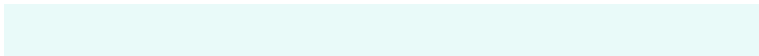
92.6209, 0.3210, 0.3401

Triad

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



92.6209, 0.3247, 0.3378



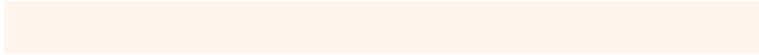
92.6209, 0.3032, 0.3305



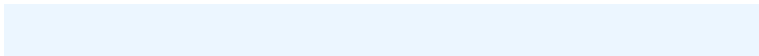
92.6209, 0.3103, 0.3188

Complementary

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



92.6209, 0.3247, 0.3378



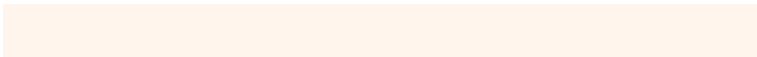
90.9491, 0.3012, 0.3200

Split Complementary

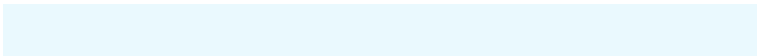
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6209, 0.3045, 0.3180



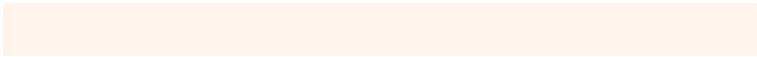
92.6209, 0.3247, 0.3378



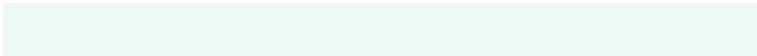
92.6209, 0.3004, 0.3247

Square

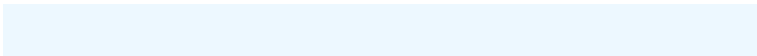
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6209, 0.3247, 0.3378



92.6209, 0.3086, 0.3359



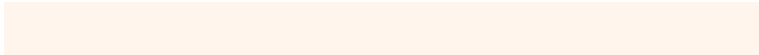
92.6209, 0.3009, 0.3201



92.6209, 0.3168, 0.3223

Rectangle

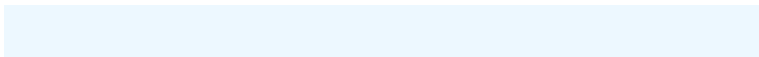
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.6209, 0.3247, 0.3378



92.6209, 0.3172, 0.3400



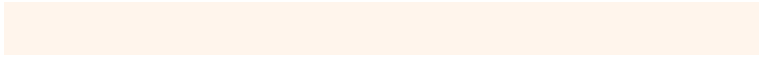
92.6209, 0.3009, 0.3201



92.6209, 0.3082, 0.3183

Sweetspot

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



92.6249, 0.3247, 0.3378



97.9780, 0.3158, 0.3313



87.9089, 0.3191, 0.3192



20.9926, 0.3157, 0.3312



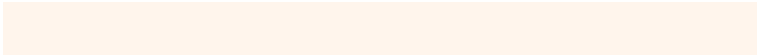
0.0000, 0.0000, 0.0000



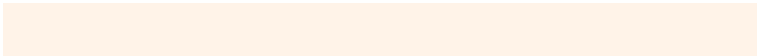
21.4041, 0.3127, 0.3290

Same Dimension

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



92.6249, 0.3247, 0.3378



91.1549, 0.3274, 0.3397



98.4242, 0.3239, 0.3467



19.4089, 0.3282, 0.3403



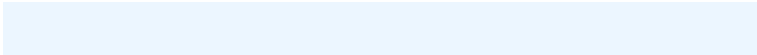
18.5496, 0.5485, 0.4027



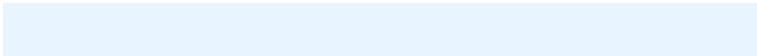
2.0230, 0.5300, 0.4174

Inverse Universe

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



90.9491, 0.3012, 0.3200



89.1512, 0.2987, 0.3181



85.4062, 0.3012, 0.3106



18.9575, 0.2979, 0.3174



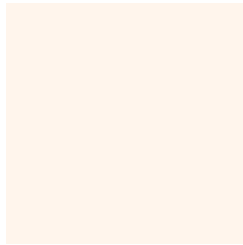
12.9816, 0.1794, 0.1660



1.4829, 0.1850, 0.1858

Previews

White Background



This preview shows how the Yxy color 92.6209, 0.3247, 0.3378 looks on a white background.

Color Contrast Check

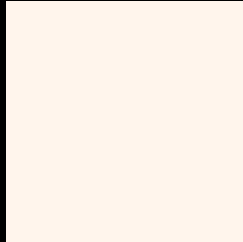
Large Text (above 18pt) WCAG AA × Fail

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 92.6209, 0.3247, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

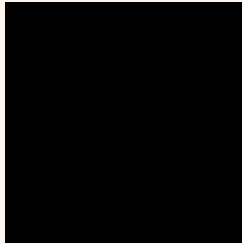
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6209, 0.3247, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 92.6209, 0.3247, 0.3378.

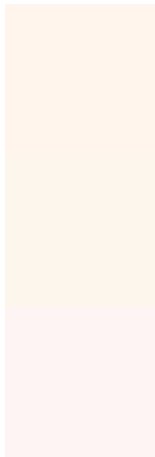


This preview shows how white text looks on a background with the Yxy color 92.6209, 0.3247, 0.3378.

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

92.6209, 0.3247, 0.3378

Protanopia

92.8503, 0.3233, 0.3388

Deuteranopia

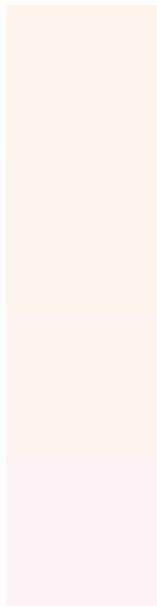
92.4930, 0.3199, 0.3290



Tritanopia

92.3920, 0.3126, 0.3175

Trichromacy



Original Color

92.6209, 0.3247, 0.3378

Protanomaly

93.0385, 0.3240, 0.3388

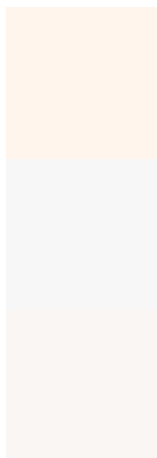
Deuteranomaly

92.3122, 0.3217, 0.3319

Tritanomaly

92.5495, 0.3168, 0.3252

Monochromacy



Original Color

92.6209, 0.3247, 0.3378

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.7066, 0.3171, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6209, 0.3247, 0.3378 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, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 236)  
}
```

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, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 236) }
```

Border

The CSS property to change the border of an element to Yxy 92.6209, 0.3247, 0.3378 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, 245, 236) }
```

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

```
.border{ border-color:rgb(255, 245, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6209, 0.3247, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 236) }
```

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

```
.background{ background-color: rgb(255,  
245, 236) }
```

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