

Converting Colors

$Y_{xy}(92.7181, 0.3240, 0.3367)$

Have a look what the booklet for
Yxy(92.7181, 0.3240, 0.3367)
contains.

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Color

Yxy(92.6792, 0.3241, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5ED
RGB	255, 245, 237
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0392, 0.0706
CMYK	0.00, 0.04, 0.07, 0.00
HSL	27°, 100%, 96%
HSV	27°, 7%, 100%
XYZ	89.1845, 92.6792, 93.3121
YIQ	247.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

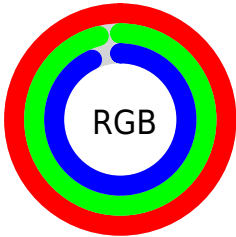
Format	Color
R _Y B	255, 251, 237
Decimal	16774637
CIE Lab	97.10, 2.01, 5.02
CIE LCh	97, 5.412, 68.164
Yxy	92.6792, 0.3241, 0.3368
Android (android.graphics.Color)	4294964717 (0xFFFFF5ED)
YUV	247.0780, -4.9685, 6.9476
Hunter-Lab	96.2700, -3.1103, 9.9207

Details

The Yxy color 92.6792, 0.3241, 0.3368 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.7509, 0.3018, 0.3211, and the grayscale version is 93.1139, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7372, 0.3264, 0.3389 is the 20% darker color. If you saturate the color by 10%, you get 83.0437, 0.3423, 0.3485, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

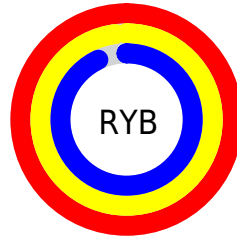
Distribution



Red (100%)

Green (96%)

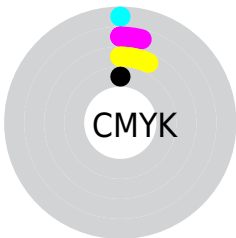
Blue (93%)



Red (100%)

Yellow (98%)

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 92.6792, 0.3241, 0.3368 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 92.6792, 0.3241, 0.3368 by changing the saturation by 10% instead.


 92.6792, 0.3241,
0.3368

 92.6792, 0.3241,
0.3368


536.7082, 0.3190,
0.3334

 70.2049, 0.3252,
0.3375


151.0544, 0.3224,
0.3356

 51.6936, 0.3266,
0.3385


187.7241, 0.3217,
0.3352

 36.7609, 0.3282,
0.3396


229.8943, 0.3211,
0.3348

 25.0224, 0.3304,
0.3410

277.9496, 0.3206,
0.3344

 16.0938, 0.3332,
0.3429

332.2742, 0.3201,
0.3341

 9.5905, 0.3371,
0.3454

393.2526, 0.3197,

 5.1283, 0.3427,

0.3338

0.3491

461.2691, 0.3194,
0.3336

■ 2.3227, 0.3519,
0.3550

■ 0.7857, 0.3816,
0.3767

■ 92.6792, 0.3241,
0.3368

■ 92.6792, 0.3241,
0.3368

■ 83.0437, 0.3423,
0.3485

100.0000, 0.3127,
0.3290

■ 74.2535, 0.3634,
0.3606

■ 66.2838, 0.3873,
0.3728

■ 59.1088, 0.4141,
0.3844

■ 52.7007, 0.4432,
0.3946

■ 47.0302, 0.4736,
0.4020

■ 42.0651, 0.5037,
0.4054

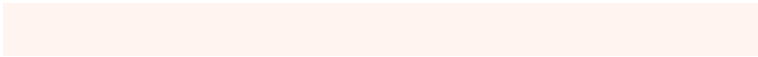
■ 37.7701, 0.5312,
0.4036

■ 34.1042, 0.5541,
0.3962

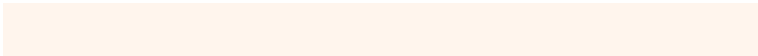
Harmonies

Analogous

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



92.6792, 0.3242, 0.3323



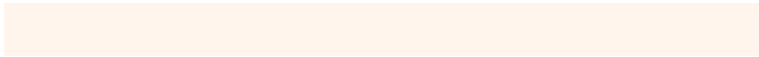
92.6792, 0.3241, 0.3368



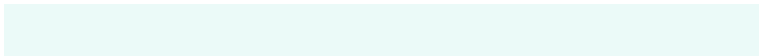
92.6792, 0.3209, 0.3393

Triad

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



92.6792, 0.3241, 0.3368



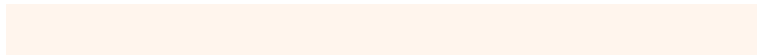
92.6792, 0.3043, 0.3310



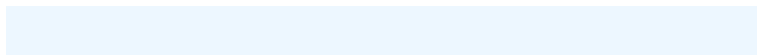
92.6792, 0.3098, 0.3193

Complementary

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



92.6792, 0.3241, 0.3368



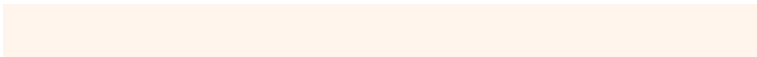
91.7509, 0.3018, 0.3211

Split Complementary

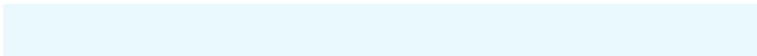
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6792, 0.3045, 0.3189



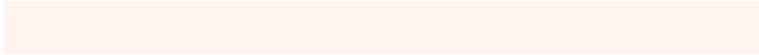
92.6792, 0.3241, 0.3368



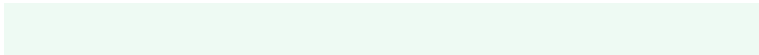
92.6792, 0.3014, 0.3256

Square

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



92.6792, 0.3241, 0.3368



92.6792, 0.3095, 0.3359



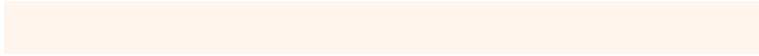
92.6792, 0.3015, 0.3211



92.6792, 0.3159, 0.3223

Rectangle

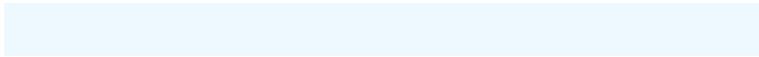
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.6792, 0.3241, 0.3368



92.6792, 0.3175, 0.3394



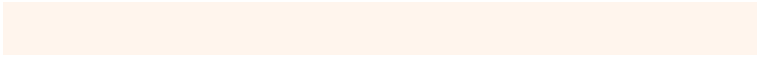
92.6792, 0.3015, 0.3211



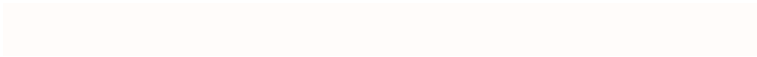
92.6792, 0.3079, 0.3189

Sweetspot

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



92.6791, 0.3241, 0.3368



97.8807, 0.3158, 0.3312



88.5596, 0.3184, 0.3191



20.9728, 0.3157, 0.3311



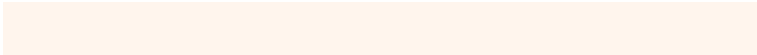
0.0000, 0.0000, 0.0000



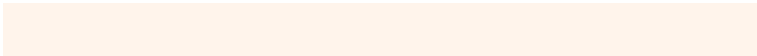
21.4041, 0.3127, 0.3290

Same Dimension

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



92.6791, 0.3241, 0.3368



91.7334, 0.3257, 0.3379



98.1317, 0.3233, 0.3452



19.3153, 0.3283, 0.3396



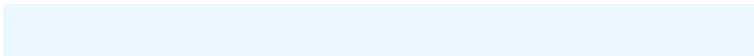
17.5994, 0.5574, 0.3956



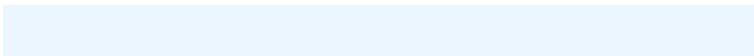
1.9274, 0.5378, 0.4112

Inverse Universe

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



91.7509, 0.3018, 0.3211



90.6878, 0.3003, 0.3200



86.4942, 0.3018, 0.3123



19.0521, 0.2979, 0.3182



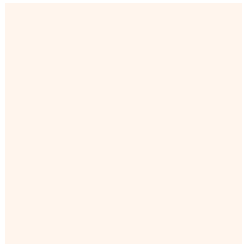
14.1408, 0.1824, 0.1764



1.5949, 0.1876, 0.1953

Previews

White Background



This preview shows how the Yxy color 92.6792, 0.3241, 0.3368 looks on a white background.

Color Contrast Check

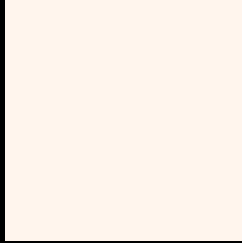
Large Text (above 18pt) WCAG AA × Fail

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 92.6792, 0.3241, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

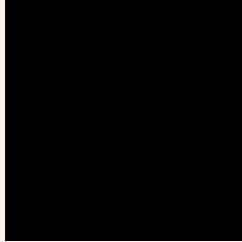
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6792, 0.3241, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 92.6792, 0.3241, 0.3368.



This preview shows how white text looks on a background with the Yxy color 92.6792, 0.3241, 0.3368.

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

92.6792, 0.3241, 0.3368

Protanopia

92.9086, 0.3227, 0.3378

Deuteranopia

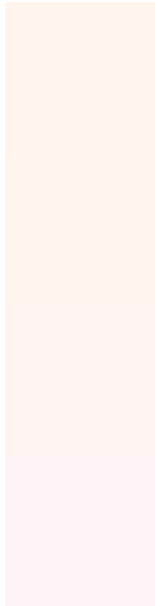
92.4930, 0.3199, 0.3290



Tritanopia

92.9922, 0.3126, 0.3185

Trichromacy



Original Color

92.6792, 0.3241, 0.3368

Protanomaly

93.0968, 0.3233, 0.3378

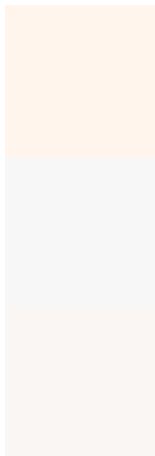
Deuteranomaly

92.3122, 0.3217, 0.3319

Tritanomaly

92.5495, 0.3168, 0.3252

Monochromacy



Original Color

92.6792, 0.3241, 0.3368

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 92.6792, 0.3241, 0.3368 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 237) }
```

Border

The CSS property to change the border of an element to Yxy 92.6792, 0.3241, 0.3368 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, 237) }
```

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

```
.border{ border-color:rgb(255, 245, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6792, 0.3241, 0.3368 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, 237) }
```

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

```
.background{ background-color: rgb(255,  
245, 237) }
```

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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