

Converting Colors

$Y_{xy}(100.0000, 0.3545, 0.3442)$

Have a look what the booklet for
Yxy(100.0000, 0.3545, 0.3442)
contains.

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Color

Yxy(92.1663, 0.3297, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5E4
RGB	255, 245, 228
RGB Percent	100%, 96%, 89%
CMY	0.0000, 0.0392, 0.1060
CMYK	0.00, 0.04, 0.11, 0.00
HSL	38°, 100%, 95%
HSV	38°, 11%, 100%
XYZ	87.9006, 92.1663, 86.5409
YIQ	246.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

Format	Color
RYB	244, 255, 228
Decimal	16774628
CIELab	96.89, 0.55, 9.37
CIELCh	97, 9.390, 86.621
Yxy	92.1663, 0.3297, 0.3457
Android (android.graphics.Color)	4294964708 (0xFFFFF5E4)
YUV	246.0520, -8.8996, 7.8474
Hunter-Lab	96.0033, -4.5712, 13.7561

Details

The Yxy color **92.1663, 0.3297, 0.3457** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8489, 0.2961, 0.3117**, and the grayscale version is **92.2672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4181, 0.3328, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **85.2865, 0.3476, 0.3622**, and if you desaturate by 10%, it is **99.5445, 0.3136, 0.3299**.

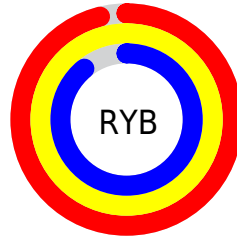
Distribution



Red (100%)

Green (96%)

Blue (89%)



Red (96%)

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 92.1663, 0.3297, 0.3457 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 92.1663, 0.3297, 0.3457 by changing the saturation by 10% instead.


 92.1663, 0.3297,
0.3457

 92.1663, 0.3297,
0.3457


535.0528, 0.3222,
0.3383

 69.7788, 0.3314,
0.3473


150.3439, 0.3271,
0.3432

 51.3462, 0.3334,
0.3493

186.9027, 0.3261,
0.3422

 36.4842, 0.3359,
0.3517

228.9540, 0.3253,
0.3413

 24.8084, 0.3390,
0.3548

276.8823, 0.3245,
0.3406

 15.9344, 0.3432,
0.3589

331.0720, 0.3238,
0.3399

 9.4777, 0.3489,
0.3645

391.9073, 0.3232,

 5.0541, 0.3573,

0.3393

0.3726

459.7728, 0.3227,
0.3388

■ 2.2790, 0.3706,
0.3854

■ 0.7626, 0.4406,
0.4550

■ 92.1663, 0.3297,
0.3457

■ 92.1663, 0.3297,
0.3457

■ 85.2865, 0.3476,
0.3622

99.5445, 0.3136,
0.3299

■ 78.8943, 0.3672,
0.3791

100.0000, 0.3127,
0.3290

■ 72.9748, 0.3883,
0.3958

■ 67.5127, 0.4106,
0.4114

■ 62.4918, 0.4332,
0.4249

■ 57.8944, 0.4551,
0.4350

■ 53.7008, 0.4751,
0.4406

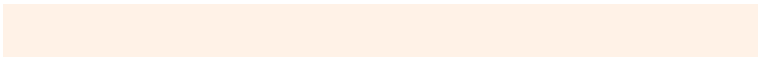
■ 49.8880, 0.4922,
0.4410

■ 46.6184, 0.5054,
0.4369

Harmonies

Analogous

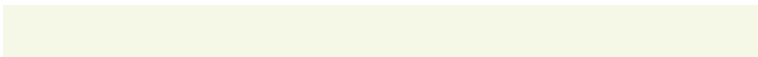
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1663, 0.3333, 0.3397



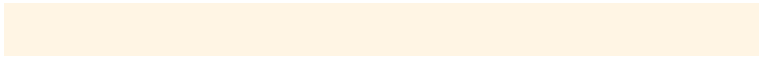
92.1663, 0.3297, 0.3457



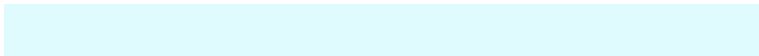
92.1663, 0.3215, 0.3472

Triad

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



92.1663, 0.3297, 0.3457



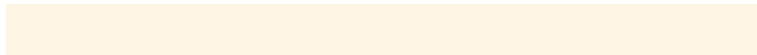
92.1663, 0.2945, 0.3265



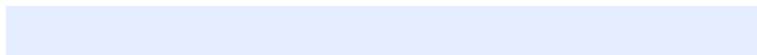
92.1663, 0.3141, 0.3150

Complementary

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



92.1663, 0.3297, 0.3457



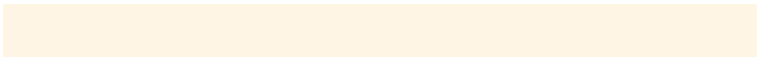
84.8489, 0.2961, 0.3117

Split Complementary

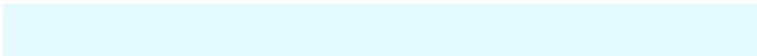
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1663, 0.3037, 0.3114



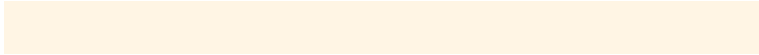
92.1663, 0.3297, 0.3457



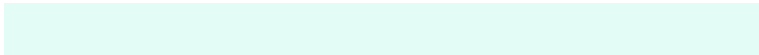
92.1663, 0.2926, 0.3178

Square

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



92.1663, 0.3297, 0.3457



92.1663, 0.3013, 0.3360



92.1663, 0.2959, 0.3124



92.1663, 0.3242, 0.3221

Rectangle

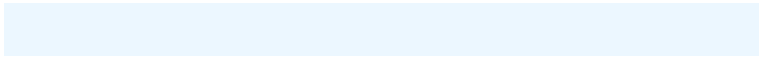
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.1663, 0.3297, 0.3457



92.1663, 0.3147, 0.3454



92.1663, 0.2959, 0.3124



92.1663, 0.3105, 0.3133

Sweetspot

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



92.1654, 0.3297, 0.3457



97.7239, 0.3173, 0.3336



82.9295, 0.3247, 0.3188



20.7884, 0.3186, 0.3349



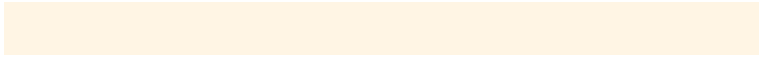
0.0000, 0.0000, 0.0000



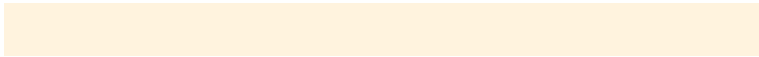
21.4041, 0.3127, 0.3290

Same Dimension

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



92.1654, 0.3297, 0.3457



90.4662, 0.3338, 0.3496



97.7874, 0.3265, 0.3554



19.8943, 0.3278, 0.3439



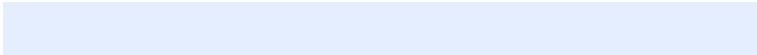
24.6546, 0.5036, 0.4384



2.6097, 0.4914, 0.4480

Inverse Universe

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



84.8489, 0.2961, 0.3117



81.6393, 0.2922, 0.3075



79.7077, 0.2981, 0.3015



18.4788, 0.2979, 0.3136



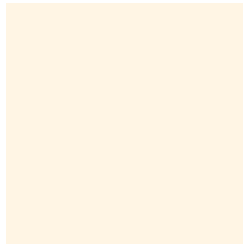
8.2514, 0.1659, 0.1173



1.0040, 0.1722, 0.1398

Previews

White Background



This preview shows how the Yxy color 92.1663, 0.3297, 0.3457 looks on a white background.

Color Contrast Check

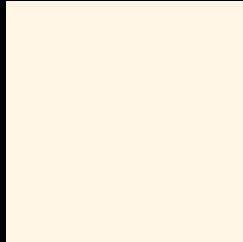
Large Text (above 18pt) WCAG AA × Fail

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 92.1663, 0.3297, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

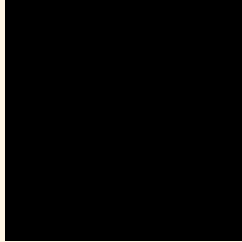
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.1663, 0.3297, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 92.1663, 0.3297, 0.3457.

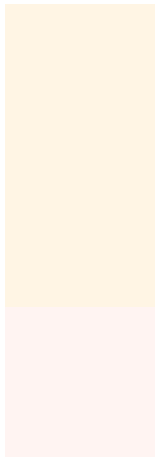


This preview shows how white text looks on a background with the Yxy color 92.1663, 0.3297, 0.3457.

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

92.1663, 0.3297, 0.3457

Protanopia

92.1663, 0.3297, 0.3457

Deuteranopia

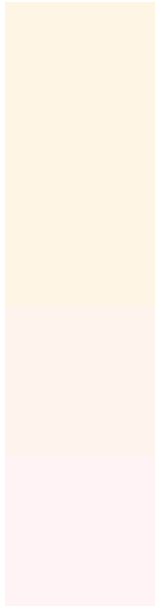
92.3722, 0.3211, 0.3310



Tritanopia

91.9843, 0.3133, 0.3165

Trichromacy



Original Color

92.1663, 0.3297, 0.3457

Protanomaly

92.1663, 0.3297, 0.3457

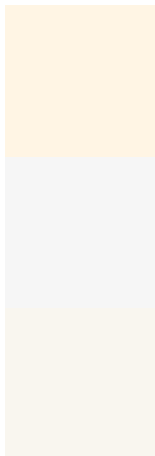
Deuteranomaly

92.0758, 0.3242, 0.3358

Tritanomaly

91.9538, 0.3193, 0.3271

Monochromacy



Original Color

92.1663, 0.3297, 0.3457

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 92.1663, 0.3297, 0.3457 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 228) }
```

Border

The CSS property to change the border of an element to Yxy 92.1663, 0.3297, 0.3457 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, 228) }
```

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

```
.border{ border-color:rgb(255, 245, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1663, 0.3297, 0.3457 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
245, 228) }
```

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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