

Converting Colors

Yxy(91.3411, 0.3289, 0.3428)

Have a look what the booklet for
Yxy(91.3411, 0.3289, 0.3428)
contains.

Yxy(91.6185, 0.3292, 0.3437)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.6185, 0.3292, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4E5
RGB	255, 244, 229
RGB Percent	100%, 96%, 90%
CMY	0.0000, 0.0432, 0.1019
CMYK	0.00, 0.04, 0.10, 0.00
HSL	35°, 100%, 95%
HSV	35°, 10%, 100%
XYZ	87.7533, 91.6185, 87.1935
YIQ	245.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

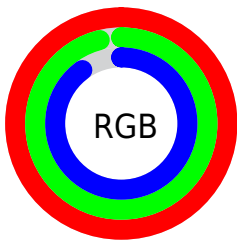
Format	Color
RYB	248, 255, 229
Decimal	16774373
CIELab	96.66, 1.25, 8.52
CIElCh	97, 8.614, 81.675
Yxy	91.6185, 0.3292, 0.3437
Android (android.graphics.Color)	4294964453 (0xFFFFF4E5)
YUV	245.5790, -8.1734, 8.2622
Hunter-Lab	95.7176, -3.8579, 12.9923

Details

The Yxy color **91.6185, 0.3292, 0.3437** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2151, 0.2968, 0.3139**, and the grayscale version is **91.8534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0282, 0.3322, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **83.9732, 0.3473, 0.3589**, and if you desaturate by 10%, it is **99.8359, 0.3130, 0.3293**.

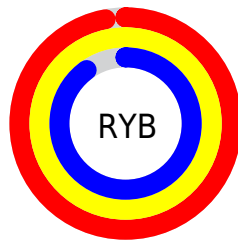
Distribution



Red (100%)

Green (96%)

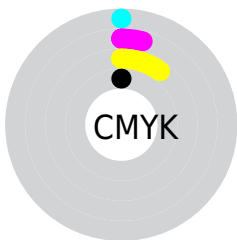
Blue (90%)



Red (97%)

Yellow (100%)

Blue (90%)

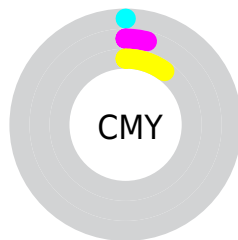


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.6185, 0.3292, 0.3437 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 91.6185, 0.3292, 0.3437 by changing the saturation by 10% instead.


 91.6185, 0.3292,
0.3437

 91.6185, 0.3292,
0.3437


533.2818, 0.3219,
0.3372

 69.3238, 0.3308,
0.3451


149.5845, 0.3267,
0.3415

 50.9755, 0.3328,
0.3468


186.0247, 0.3257,
0.3406

 36.1891, 0.3352,
0.3490

227.9487, 0.3249,
0.3399

 24.5803, 0.3383,
0.3517

275.7411, 0.3241,
0.3392

 15.7646, 0.3424,
0.3553

329.7862, 0.3235,
0.3386

 9.3577, 0.3480,
0.3602

390.4684, 0.3229,

 4.9753, 0.3563,

0.3381

0.3673

458.1722, 0.3223,
0.3376

■ 2.2327, 0.3695,
0.3786

■ 0.7378, 0.4363,
0.4400

■ 91.6185, 0.3292,
0.3437

■ 91.6185, 0.3292,
0.3437

■ 83.9732, 0.3473,
0.3589

99.8359, 0.3130,
0.3293

■ 76.9122, 0.3676,
0.3745

100.0000, 0.3127,
0.3290

■ 70.4100, 0.3897,
0.3899

■ 64.4492, 0.4134,
0.4043

■ 59.0110, 0.4380,
0.4168

■ 54.0753, 0.4623,
0.4260

■ 49.6197, 0.4851,
0.4307

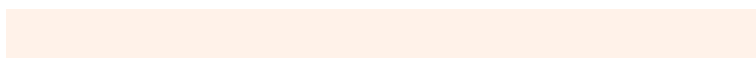
■ 45.6190, 0.5049,
0.4300

■ 42.1009, 0.5210,
0.4246

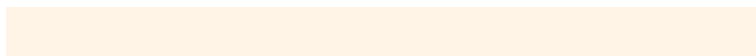
Harmonies

Analogous

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



91.6185, 0.3317, 0.3377



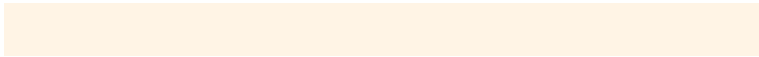
91.6185, 0.3292, 0.3437



91.6185, 0.3223, 0.3458

Triad

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



91.6185, 0.3292, 0.3437



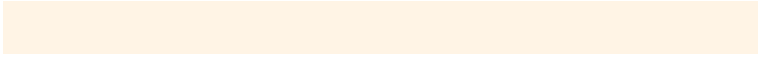
91.6185, 0.2967, 0.3281



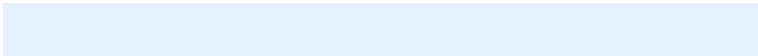
91.6185, 0.3123, 0.3153

Complementary

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



91.6185, 0.3292, 0.3437



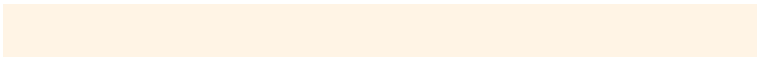
86.2151, 0.2968, 0.3139

Split Complementary

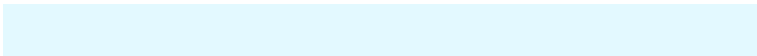
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6185, 0.3031, 0.3127



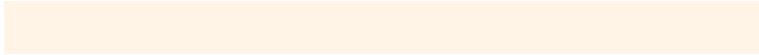
91.6185, 0.3292, 0.3437



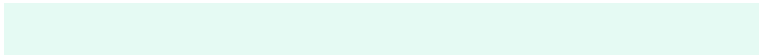
91.6185, 0.2941, 0.3199

Square

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



91.6185, 0.3292, 0.3437



91.6185, 0.3035, 0.3368



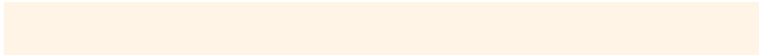
91.6185, 0.2964, 0.3143



91.6185, 0.3219, 0.3214

Rectangle

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



91.6185, 0.3292, 0.3437



91.6185, 0.3161, 0.3447



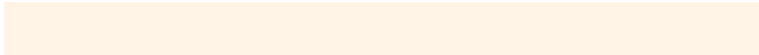
91.6185, 0.2964, 0.3143



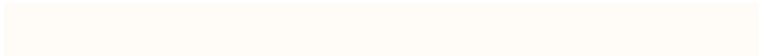
91.6185, 0.3091, 0.3140

Sweetspot

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



91.6092, 0.3292, 0.3437



97.4656, 0.3173, 0.3332



83.6114, 0.3234, 0.3180



20.7186, 0.3186, 0.3344



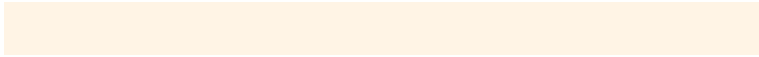
0.0000, 0.0000, 0.0000



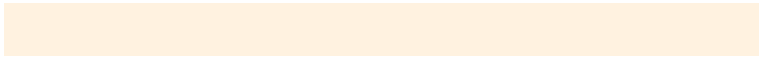
21.4041, 0.3127, 0.3290

Same Dimension

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



91.6092, 0.3292, 0.3437



90.1855, 0.3323, 0.3464



98.1105, 0.3268, 0.3543



19.7252, 0.3280, 0.3427



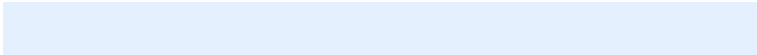
22.3009, 0.5188, 0.4262



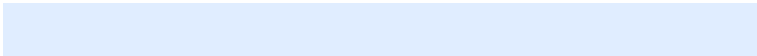
2.3879, 0.5043, 0.4377

Inverse Universe

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



86.2151, 0.2968, 0.3139



83.9143, 0.2939, 0.3110



80.2100, 0.2978, 0.3026



18.6434, 0.2979, 0.3149



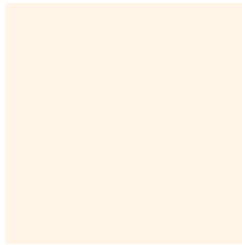
9.6670, 0.1703, 0.1330



1.1522, 0.1764, 0.1551

Previews

White Background



This preview shows how the Yxy color 91.6185, 0.3292, 0.3437 looks on a white background.

Color Contrast Check

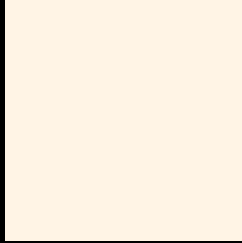
Large Text (above 18pt) WCAG AA × Fail

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 91.6185, 0.3292, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

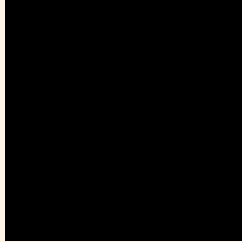
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

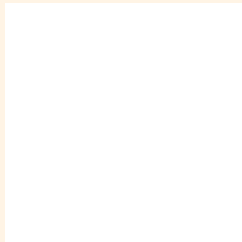
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6185, 0.3292, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 91.6185, 0.3292, 0.3437.

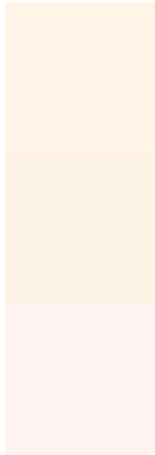


This preview shows how white text looks on a background with the Yxy color 91.6185, 0.3292, 0.3437.

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

91.6185, 0.3292, 0.3437

Protanopia

91.4293, 0.3285, 0.3438

Deuteranopia

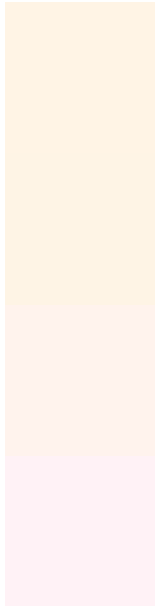
91.7121, 0.3218, 0.3310



Tritanopia

91.3906, 0.3133, 0.3156

Trichromacy



Original Color

91.6185, 0.3292, 0.3437

Protanomaly

91.4293, 0.3285, 0.3438

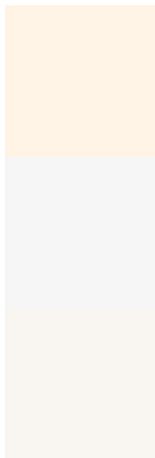
Deuteranomaly

91.4756, 0.3243, 0.3349

Tritanomaly

91.4181, 0.3188, 0.3252

Monochromacy



Original Color

91.6185, 0.3292, 0.3437

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.7358, 0.3183, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6185, 0.3292, 0.3437 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, 244, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 229)  
}
```

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, 244, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 229) }
```

Border

The CSS property to change the border of an element to Yxy 91.6185, 0.3292, 0.3437 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, 244, 229) }
```

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

```
.border{ border-color:rgb(255, 244, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6185, 0.3292, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 229) }
```

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

```
.background{ background-color: rgb(255,  
244, 229) }
```

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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