

Converting Colors

$Y_{xy}(105.2620, 0.3720, 0.3421)$

Have a look what the booklet for
Yxy(105.2620, 0.3720, 0.3421)
contains.

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Color

Yxy(91.5628, 0.3298, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4E4
RGB	255, 244, 228
RGB Percent	100%, 96%, 89%
CMY	0.0000, 0.0432, 0.1058
CMYK	0.00, 0.04, 0.11, 0.00
HSL	36°, 100%, 95%
HSV	36°, 11%, 100%
XYZ	87.6049, 91.5628, 86.4627
YIQ	245.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

Format	Color
RYB	247, 255, 228
Decimal	16774372
CIELab	96.64, 1.07, 9.00
CIElCh	97, 9.068, 83.216
Yxy	91.5628, 0.3298, 0.3447
Android (android.graphics.Color)	4294964452 (0xFFFFF4E4)
YUV	245.4650, -8.6102, 8.3622
Hunter-Lab	95.6885, -4.0341, 13.4083

Details

The Yxy color **91.5628, 0.3298, 0.3447** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4597, 0.2962, 0.3128**, and the grayscale version is **91.7657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9893, 0.3330, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **84.1640, 0.3479, 0.3603**, and if you desaturate by 10%, it is **99.5181, 0.3136, 0.3298**.

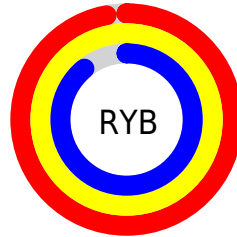
Distribution



Red (100%)

Green (96%)

Blue (89%)



Red (97%)

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 91.5628, 0.3298, 0.3447 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 91.5628, 0.3298, 0.3447 by changing the saturation by 10% instead.


 91.5628, 0.3298,
0.3447

 91.5628, 0.3298,
0.3447


533.1016, 0.3222,
0.3378

 69.2776, 0.3315,
0.3462


149.5073, 0.3272,
0.3423

 50.9378, 0.3335,
0.3481


185.9353, 0.3262,
0.3414

 36.1591, 0.3360,
0.3504


227.8464, 0.3253,
0.3406

 24.5571, 0.3392,
0.3533

275.6250, 0.3245,
0.3399

 15.7474, 0.3435,
0.3571

329.6554, 0.3239,
0.3393

 9.3456, 0.3493,
0.3623

390.3220, 0.3232,

 4.9673, 0.3578,

0.3387

0.3700

458.0093, 0.3227,
0.3382

■ 2.2281, 0.3714,
0.3820

■ 0.7352, 0.4444,
0.4507

■ 91.5628, 0.3298,
0.3447

■ 91.5628, 0.3298,
0.3447

■ 84.1640, 0.3479,
0.3603

99.5181, 0.3136,
0.3298

■ 77.3150, 0.3680,
0.3763

100.0000, 0.3127,
0.3290

■ 70.9975, 0.3899,
0.3921

■ 65.1947, 0.4132,
0.4068

■ 59.8888, 0.4372,
0.4195

■ 55.0603, 0.4608,
0.4289

■ 50.6877, 0.4827,
0.4337

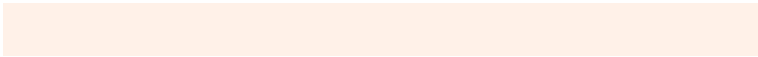
■ 46.7464, 0.5015,
0.4332

■ 43.3961, 0.5162,
0.4283

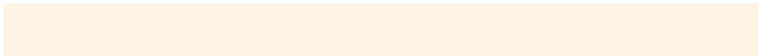
Harmonies

Analogous

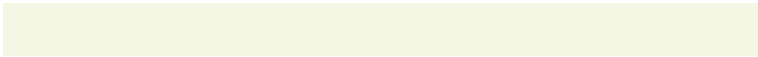
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5628, 0.3327, 0.3385



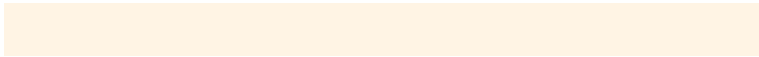
91.5628, 0.3298, 0.3447



91.5628, 0.3223, 0.3467

Triad

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



91.5628, 0.3298, 0.3447



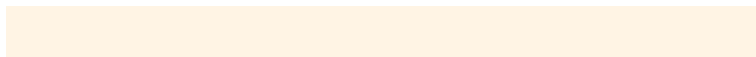
91.5628, 0.2956, 0.3276



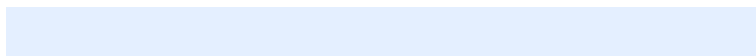
91.5628, 0.3128, 0.3148

Complementary

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



91.5628, 0.3298, 0.3447



85.4597, 0.2962, 0.3128

Split Complementary

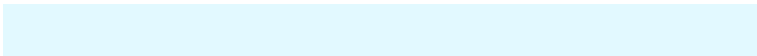
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.5628, 0.3030, 0.3118



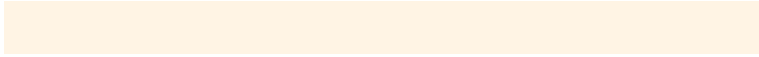
91.5628, 0.3298, 0.3447



91.5628, 0.2932, 0.3190

Square

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



91.5628, 0.3298, 0.3447



91.5628, 0.3026, 0.3368



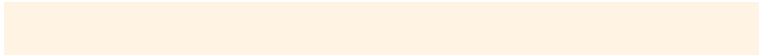
91.5628, 0.2958, 0.3133



91.5628, 0.3228, 0.3214

Rectangle

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



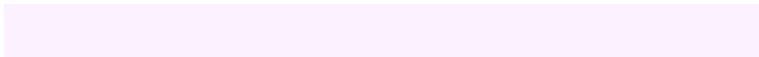
91.5628, 0.3298, 0.3447



91.5628, 0.3158, 0.3453



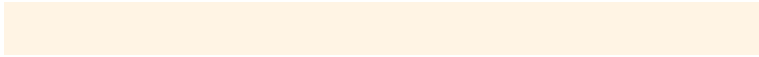
91.5628, 0.2958, 0.3133



91.5628, 0.3094, 0.3134

Sweetspot

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



91.5601, 0.3298, 0.3447



97.5427, 0.3173, 0.3334



83.0009, 0.3241, 0.3180



20.7394, 0.3186, 0.3345



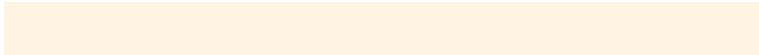
0.0000, 0.0000, 0.0000



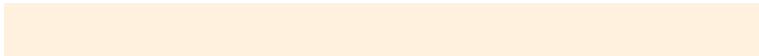
21.4041, 0.3127, 0.3290

Same Dimension

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



91.5601, 0.3298, 0.3447



89.7217, 0.3340, 0.3484



97.9581, 0.3271, 0.3553



19.7755, 0.3279, 0.3431



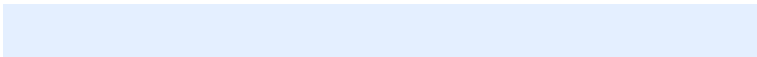
22.9764, 0.5142, 0.4299



2.4521, 0.5004, 0.4409

Inverse Universe

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



85.4597, 0.2962, 0.3128



82.3540, 0.2923, 0.3088



79.5800, 0.2975, 0.3015



18.5941, 0.2979, 0.3145



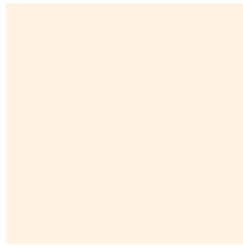
9.2204, 0.1689, 0.1282



1.1060, 0.1751, 0.1504

Previews

White Background



This preview shows how the Yxy color 91.5628, 0.3298, 0.3447 looks on a white background.

Color Contrast Check

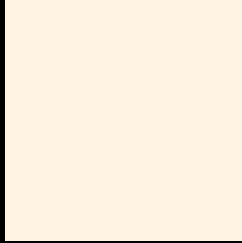
Large Text (above 18pt) WCAG AA × Fail

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 91.5628, 0.3298, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

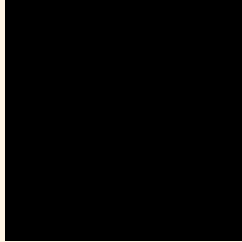
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.5628, 0.3298, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 91.5628, 0.3298, 0.3447.

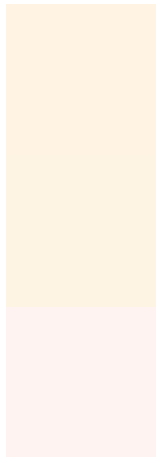


This preview shows how white text looks on a background with the Yxy color 91.5628, 0.3298, 0.3447.

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

91.5628, 0.3298, 0.3447

Protanopia

91.3736, 0.3291, 0.3448

Deuteranopia

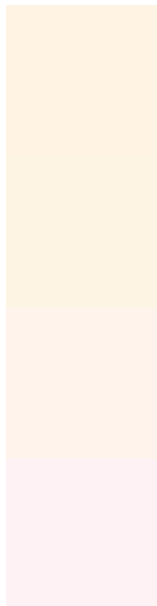
91.7121, 0.3218, 0.3310



Tritanopia

91.3264, 0.3140, 0.3165

Trichromacy



Original Color

91.5628, 0.3298, 0.3447

Protanomaly

91.3736, 0.3291, 0.3448

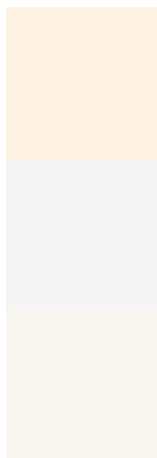
Deuteranomaly

91.4173, 0.3249, 0.3359

Tritanomaly

91.3568, 0.3194, 0.3261

Monochromacy



Original Color

91.5628, 0.3298, 0.3447

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.6765, 0.3189, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5628, 0.3298, 0.3447 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 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, 244, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 228) }
```

Border

The CSS property to change the border of an element to Yxy 91.5628, 0.3298, 0.3447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

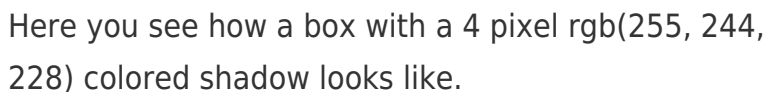
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 244, 228) }
```

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

```
.border{ border-color:rgb(255, 244, 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, 244, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5628, 0.3298, 0.3447 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, 228) }
```

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

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