

Converting Colors

$Yxy(91.2444, 0.3268, 0.3388)$

Have a look what the booklet for
Yxy(91.2444, 0.3268, 0.3388)
contains.

Yxy(91.2444, 0.3268, 0.3388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.2444, 0.3268, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3E9
RGB	255, 243, 233
RGB Percent	100%, 95%, 91%
CMY	0.0000, 0.0471, 0.0863
CMYK	0.00, 0.05, 0.09, 0.00
HSL	27°, 100%, 96%
HSV	27°, 9%, 100%
XYZ	88.0126, 91.2444, 90.0594
YIQ	245.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

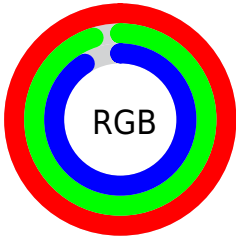
Format	Color
R_YB	255, 251, 233
Decimal	16774121
CIE Lab	96.51, 2.39, 6.25
CIE LCh	97, 6.686, 69.074
Yxy	91.2444, 0.3268, 0.3388
Android (android.graphics.Color)	4294964201 (0xFFFFF3E9)
YUV	245.4480, -6.1369, 8.3771
Hunter-Lab	95.5219, -2.6959, 10.9659

Details

The Yxy color 91.2444, 0.3268, 0.3388 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.8514, 0.2993, 0.3190, and the grayscale version is 91.7279, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.7207, 0.3299, 0.3415 is the 20% darker color. If you saturate the color by 10%, you get 81.8674, 0.3454, 0.3508, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

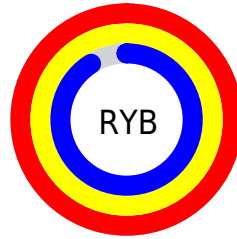
Distribution



Red (100%)

Green (95%)

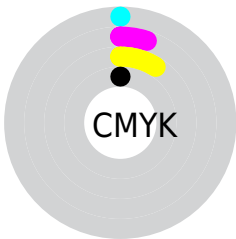
Blue (91%)



Red (100%)

Yellow (98%)

Blue (91%)

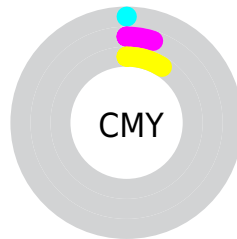


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2444, 0.3268, 0.3388 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 91.2444, 0.3268, 0.3388 by changing the saturation by 10% instead.

 91.2444, 0.3268,
0.3388

 91.2444, 0.3268,
0.3388

532.0706, 0.3205,
0.3345

 69.0132, 0.3282,
0.3397


149.0657, 0.3247,
0.3373

 50.7225, 0.3299,
0.3409


185.4246, 0.3238,
0.3368

 35.9878, 0.3319,
0.3423


227.2616, 0.3231,
0.3363

 24.4248, 0.3346,
0.3441

274.9610, 0.3225,
0.3358

 15.6490, 0.3381,
0.3465

328.9071, 0.3219,
0.3354

 9.2761, 0.3430,
0.3497

389.4845, 0.3214,

 4.9217, 0.3502,

0.3351

0.3544

457.0776, 0.3209,
0.3348

■ 2.2014, 0.3618,
0.3618

■ 0.7208, 0.4102,
0.3977

■ 91.2444, 0.3268,
0.3388

■ 91.2444, 0.3268,
0.3388

■ 81.8674, 0.3454,
0.3508

100.0000, 0.3127,
0.3290

■ 73.3161, 0.3667,
0.3632

■ 65.5599, 0.3909,
0.3757

■ 58.5736, 0.4178,
0.3874

■ 52.3302, 0.4469,
0.3975

■ 46.8007, 0.4769,
0.4046

■ 41.9538, 0.5062,
0.4074

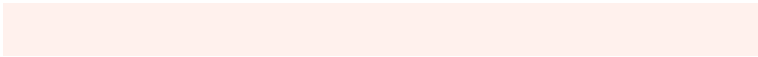
■ 37.7546, 0.5326,
0.4049

■ 34.1598, 0.5544,
0.3970

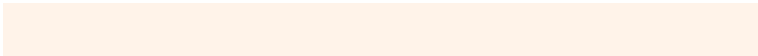
Harmonies

Analogous

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



91.2444, 0.3270, 0.3333



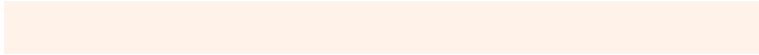
91.2444, 0.3268, 0.3388



91.2444, 0.3228, 0.3418

Triad

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



91.2444, 0.3268, 0.3388



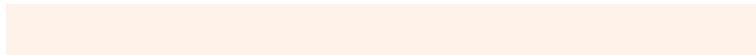
91.2444, 0.3022, 0.3313



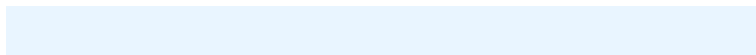
91.2444, 0.3093, 0.3171

Complementary

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



91.2444, 0.3268, 0.3388



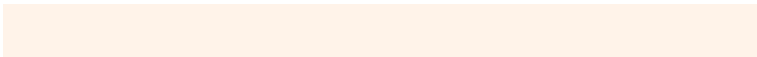
89.8514, 0.2993, 0.3190

Split Complementary

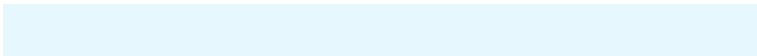
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2444, 0.3027, 0.3164



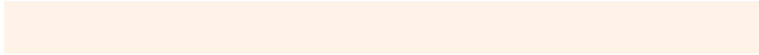
91.2444, 0.3268, 0.3388



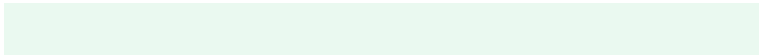
91.2444, 0.2986, 0.3245

Square

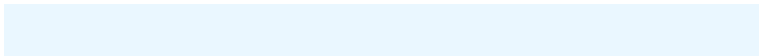
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2444, 0.3268, 0.3388



91.2444, 0.3085, 0.3375



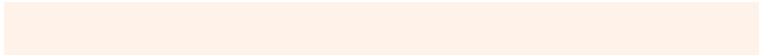
91.2444, 0.2988, 0.3191



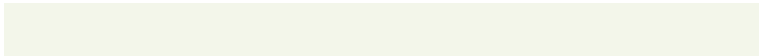
91.2444, 0.3168, 0.3208

Rectangle

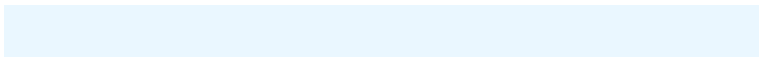
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.2444, 0.3268, 0.3388



91.2444, 0.3185, 0.3419



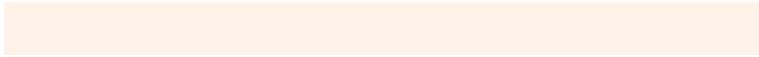
91.2444, 0.2988, 0.3191



91.2444, 0.3069, 0.3165

Sweetspot

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



91.2380, 0.3268, 0.3388



96.8818, 0.3174, 0.3323



86.1339, 0.3200, 0.3172



20.5611, 0.3187, 0.3333



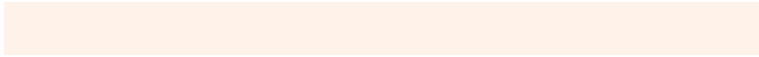
0.0000, 0.0000, 0.0000



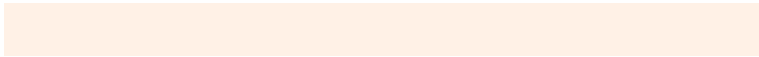
21.4041, 0.3127, 0.3290

Same Dimension

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



91.2380, 0.3268, 0.3388



89.9041, 0.3292, 0.3404



97.9630, 0.3257, 0.3492



19.3460, 0.3283, 0.3398



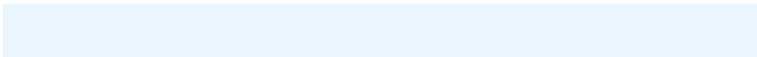
17.9030, 0.5545, 0.3979



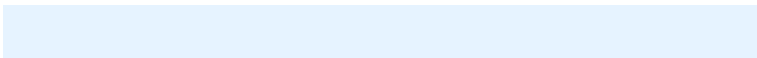
1.9581, 0.5352, 0.4132

Inverse Universe

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



89.8514, 0.2993, 0.3190



88.3122, 0.2972, 0.3173



83.4432, 0.2993, 0.3079



19.0210, 0.2979, 0.3179



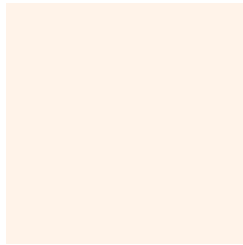
13.7514, 0.1814, 0.1730



1.5574, 0.1867, 0.1922

Previews

White Background



This preview shows how the Yxy color 91.2444, 0.3268, 0.3388 looks on a white background.

Color Contrast Check

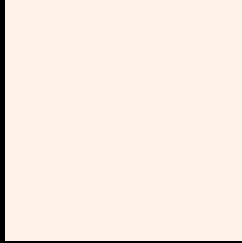
Large Text (above 18pt) WCAG AA × Fail

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 91.2444, 0.3268, 0.3388 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 91.2444, 0.3268, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 91.2444, 0.3268, 0.3388.

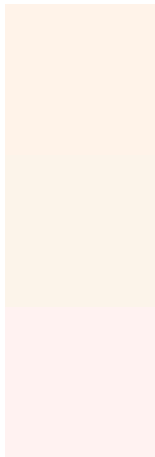


This preview shows how white text looks on a background with the Yxy color 91.2444, 0.3268, 0.3388.

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

91.2444, 0.3268, 0.3388

Protanopia

91.3373, 0.3240, 0.3388

Deuteranopia

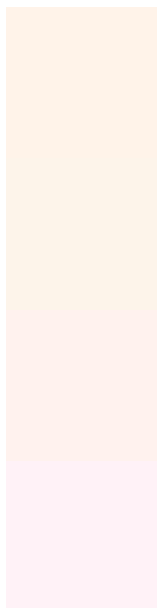
91.1151, 0.3219, 0.3300



Tritanopia

91.3906, 0.3133, 0.3156

Trichromacy



Original Color

91.2444, 0.3268, 0.3388

Protanomaly

91.5245, 0.3247, 0.3388

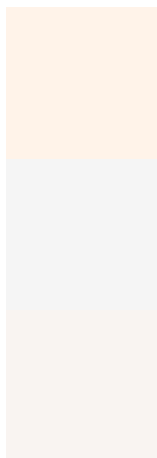
Deuteranomaly

90.9373, 0.3237, 0.3329

Tritanomaly

91.4797, 0.3182, 0.3242

Monochromacy



Original Color

91.2444, 0.3268, 0.3388

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.1920, 0.3178, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2444, 0.3268, 0.3388 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, 243, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 233)  
}
```

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, 243, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 233) }
```

Border

The CSS property to change the border of an element to Yxy 91.2444, 0.3268, 0.3388 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, 243, 233) }
```

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

```
.border{ border-color:rgb(255, 243, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 243, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 243, 233); box-shadow:4px 4px 4px 4px rgb(255, 243, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2444, 0.3268, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 233) }
```

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

```
.background{ background-color: rgb(255,  
243, 233) }
```

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