

Converting Colors

$Yxy(90.4767, 0.3348, 0.3443)$

Have a look what the booklet for
Yxy(90.4767, 0.3348, 0.3443)
contains.

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Color

Yxy(89.6068, 0.3320, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1E1
RGB	255, 241, 225
RGB Percent	100%, 95%, 88%
CMY	0.0001, 0.0549, 0.1176
CMYK	0.00, 0.05, 0.12, 0.00
HSL	32°, 100%, 94%
HSV	32°, 12%, 100%
XYZ	86.2803, 89.6068, 83.9934
YIQ	243.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

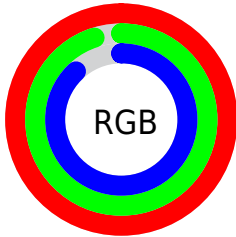
Format	Color
R_{YB}	251, 255, 225
Decimal	16773601
CIE _{Lab}	95.83, 2.09, 9.39
CIE _{LCh}	96, 9.621, 77.463
Yxy	89.6068, 0.3320, 0.3448
Android (android.graphics.Color)	4294963681 (0xFFFFF1E1)
YUV	243.3620, -9.0525, 10.2065
Hunter-Lab	94.6609, -2.9595, 13.6541

Details

The Yxy color **89.6068, 0.3320, 0.3448** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9490, 0.2943, 0.3127**, and the grayscale version is **89.9973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.6060, 0.3359, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **81.5137, 0.3508, 0.3590**, and if you desaturate by 10%, it is **98.3745, 0.3154, 0.3313**.

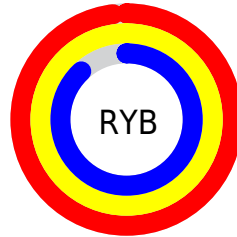
Distribution



Red (100%)

Green (95%)

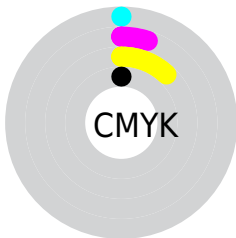
Blue (88%)



Red (98%)

Yellow (100%)

Blue (88%)

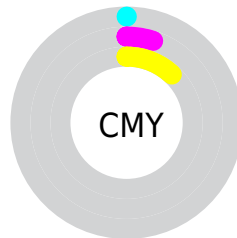


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.6068, 0.3320, 0.3448 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 89.6068, 0.3320, 0.3448 by changing the saturation by 10% instead.


 89.6068, 0.3320,
0.3448

 89.6068, 0.3320,
0.3448


526.7510, 0.3234,
0.3378

 67.6546, 0.3339,
0.3463

146.7921, 0.3291,
0.3424

 49.6168, 0.3362,
0.3482


182.7940, 0.3279,
0.3415

 35.1090, 0.3391,
0.3505


224.2478, 0.3269,
0.3407

 23.7468, 0.3428,
0.3534

271.5381, 0.3260,
0.3400

 15.1459, 0.3477,
0.3573

325.0491, 0.3252,
0.3393

 8.9219, 0.3544,
0.3626

385.1654, 0.3246,

 4.6903, 0.3644,

0.3388

0.3703

452.2712, 0.3239,
0.3383

■ 2.0667, 0.3804,
0.3825

■ 0.6458, 0.4898,
0.4758

■ 89.6068, 0.3320,
0.3448

■ 89.6068, 0.3320,
0.3448

■ 81.5137, 0.3508,
0.3590

■ 98.3745, 0.3154,
0.3313

■ 74.0655, 0.3719,
0.3735

99.9952, 0.3127,
0.3290

■ 67.2473, 0.3953,
0.3878

■ 61.0393, 0.4204,
0.4011

■ 55.4201, 0.4467,
0.4122

■ 50.3667, 0.4729,
0.4199

■ 45.8536, 0.4974,
0.4229

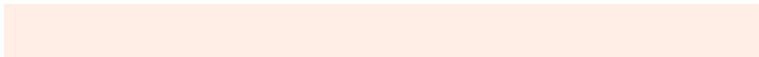
■ 41.8520, 0.5187,
0.4204

■ 38.9048, 0.5335,
0.4146

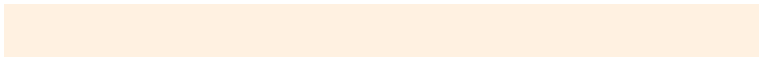
Harmonies

Analogous

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



89.6068, 0.3340, 0.3375



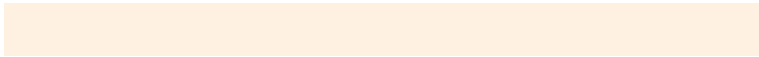
89.6068, 0.3320, 0.3448



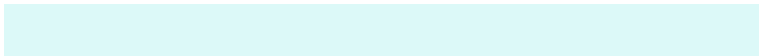
89.6068, 0.3248, 0.3479

Triad

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



89.6068, 0.3320, 0.3448



89.6068, 0.2956, 0.3294



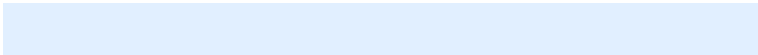
89.6068, 0.3107, 0.3129

Complementary

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



89.6068, 0.3320, 0.3448



84.9490, 0.2943, 0.3127

Split Complementary

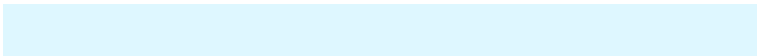
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6068, 0.3006, 0.3106



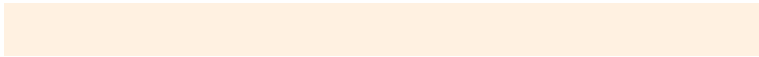
89.6068, 0.3320, 0.3448



89.6068, 0.2919, 0.3199

Square

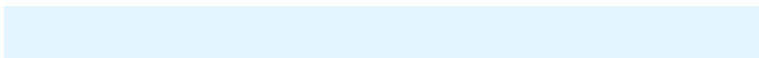
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.6068, 0.3320, 0.3448



89.6068, 0.3037, 0.3390



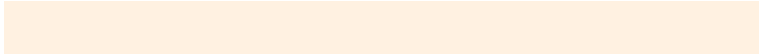
89.6068, 0.2937, 0.3131



89.6068, 0.3216, 0.3193

Rectangle

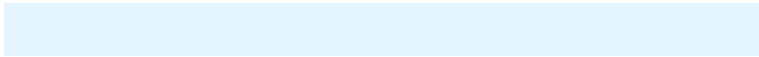
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.6068, 0.3320, 0.3448



89.6068, 0.3181, 0.3471



89.6068, 0.2937, 0.3131



89.6068, 0.3071, 0.3116

Sweetspot

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



89.6108, 0.3320, 0.3448



96.3648, 0.3190, 0.3343



81.3466, 0.3245, 0.3153



20.4823, 0.3202, 0.3353



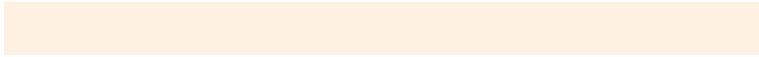
0.0000, 0.0000, 0.0000



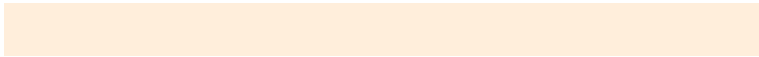
21.4041, 0.3127, 0.3290

Same Dimension

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



89.6108, 0.3320, 0.3448



87.7506, 0.3360, 0.3480



98.0073, 0.3297, 0.3582



19.5933, 0.3281, 0.3417



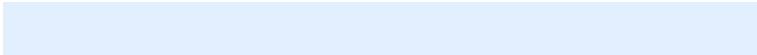
20.6352, 0.5311, 0.4165



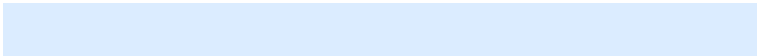
2.2280, 0.5148, 0.4294

Inverse Universe

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



84.9490, 0.2943, 0.3127



82.2816, 0.2907, 0.3093



77.2492, 0.2947, 0.2982



18.7733, 0.2979, 0.3160



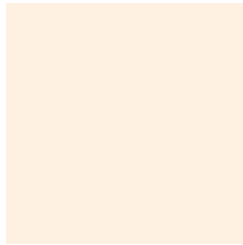
10.9390, 0.1740, 0.1462



1.2813, 0.1799, 0.1676

Previews

White Background



This preview shows how the Yxy color 89.6068, 0.3320, 0.3448 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 89.6068, 0.3320, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

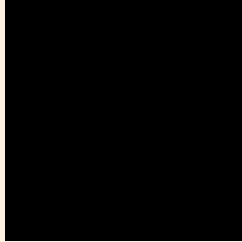
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.6068, 0.3320, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 89.6068, 0.3320, 0.3448.

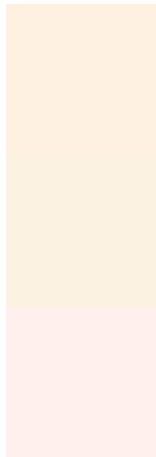


This preview shows how white text looks on a background with the Yxy color 89.6068, 0.3320, 0.3448.

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

89.6068, 0.3320, 0.3448

Protanopia

89.5045, 0.3286, 0.3449

Deuteranopia

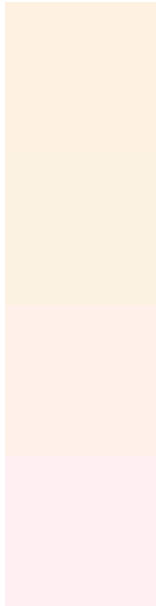
89.6946, 0.3245, 0.3320



Tritanopia

89.4373, 0.3153, 0.3155

Trichromacy



Original Color

89.6068, 0.3320, 0.3448

Protanomaly

89.6907, 0.3292, 0.3449

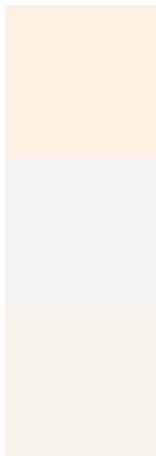
Deuteranomaly

89.4634, 0.3271, 0.3359

Tritanomaly

89.4038, 0.3215, 0.3261

Monochromacy



Original Color

89.6068, 0.3320, 0.3448

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.3345, 0.3197, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6068, 0.3320, 0.3448 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, 241, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 225)  
}
```

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, 241, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 225) }
```

Border

The CSS property to change the border of an element to Yxy 89.6068, 0.3320, 0.3448 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, 241, 225) }
```

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

```
.border{ border-color:rgb(255, 241, 225) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6068, 0.3320, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 225) }
```

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

```
.background{ background-color: rgb(255,  
241, 225) }
```

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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