

Converting Colors

$Yxy(93.4674, 0.3179, 0.3372)$

Have a look what the booklet for
Yxy(93.4674, 0.3179, 0.3372)
contains.

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Color

Yxy(93.3825, 0.3175, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	F8F8F0
RGB	248, 248, 240
RGB Percent	97%, 97%, 94%
CMY	0.0274, 0.0274, 0.0590
CMYK	0.00, 0.00, 0.03, 0.03
HSL	60°, 37%, 96%
HSV	60°, 3%, 97%
XYZ	88.0052, 93.3825, 95.7940
YIQ	247.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

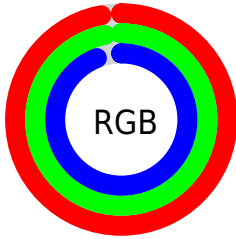
Format	Color
R _Y B	240, 248, 240
Decimal	16316656
CIE Lab	97.38, -1.38, 3.85
CIE LCh	97, 4.087, 109.796
Yxy	93.3825, 0.3175, 0.3369
Android (android.graphics.Color)	4294506736 (0xFF8F8F0)
YUV	247.0880, -3.4944, 0.7998
Hunter-Lab	96.6346, -6.5506, 8.8700

Details

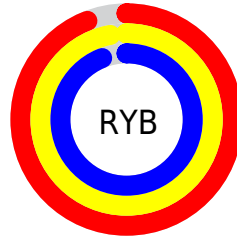
The Yxy color 93.3825, 0.3175, 0.3369 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.5985, 0.3079, 0.3210, and the grayscale version is 93.1167, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.3664, 0.3188, 0.3390 is the 20% darker color. If you saturate the color by 10%, you get 92.0011, 0.3326, 0.3618, and if you desaturate by 10%, it is 94.3285, 0.3086, 0.3222.

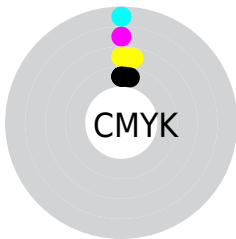
Distribution



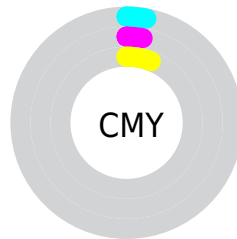
- Red (97%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)




- Cyan (3%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3825, 0.3175, 0.3369 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 93.3825, 0.3175, 0.3369 by changing the saturation by 10% instead.

 93.3825, 0.3175,
0.3369

 93.3825, 0.3175,
0.3369

538.9737, 0.3154,
0.3334

 70.7895, 0.3180,
0.3377


152.0281, 0.3168,
0.3357

 52.1704, 0.3185,
0.3386


188.8494, 0.3165,
0.3352

 37.1409, 0.3192,
0.3398


231.1823, 0.3163,
0.3348

 25.3166, 0.3201,
0.3412

279.4111, 0.3160,
0.3345

 16.3131, 0.3212,
0.3432

333.9202, 0.3159,
0.3342

 9.7460, 0.3228,
0.3459

395.0941, 0.3157,

 5.2309, 0.3251,

0.3339

0.3498

463.3171, 0.3155,
0.3336

■ 2.3833, 0.3288,
0.3561

■ 0.8173, 0.3406,
0.3747

■ 93.3825, 0.3175,
0.3369

■ 93.3825, 0.3175,
0.3369

■ 92.0011, 0.3326,
0.3618

■ 94.3285, 0.3086,
0.3222

■ 90.8090, 0.3479,
0.3871


■ 94.3395, 0.3086,
0.3223

■ 89.8015, 0.3630,
0.4120

■ 94.3504, 0.3086,
0.3223

■ 88.9694, 0.3773,
0.4356


■ 94.3614, 0.3086,
0.3223

 88.3025, 0.3901,
0.4568


 94.3724, 0.3086,
0.3223

 87.7896, 0.4010,
0.4748


 94.3834, 0.3086,
0.3223

 87.4181, 0.4094,
0.4887

 94.3944, 0.3086,
0.3223

 87.1736, 0.4152,
0.4982

 94.4054, 0.3086,
0.3224

 87.0383, 0.4184,
0.5035

 94.4164, 0.3086,
0.3224

Harmonies

Analogous

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



93.3825, 0.3206, 0.3358



93.3825, 0.3175, 0.3369



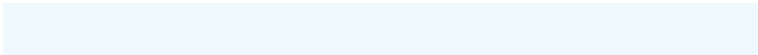
93.3825, 0.3131, 0.3358

Triad

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



93.3825, 0.3175, 0.3369



93.3825, 0.3039, 0.3250



93.3825, 0.3168, 0.3252

Complementary

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



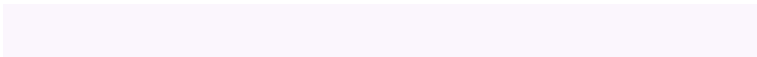
93.3825, 0.3175, 0.3369



87.5985, 0.3079, 0.3210

Split Complementary

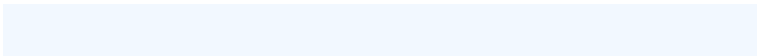
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3825, 0.3123, 0.3223



93.3825, 0.3175, 0.3369



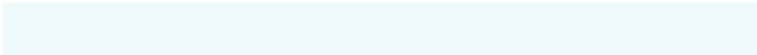
93.3825, 0.3049, 0.3222

Square

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



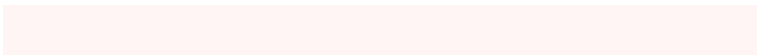
93.3825, 0.3175, 0.3369



93.3825, 0.3053, 0.3289



93.3825, 0.3079, 0.3212



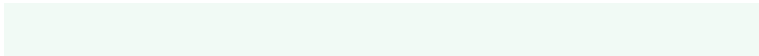
93.3825, 0.3202, 0.3291

Rectangle

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



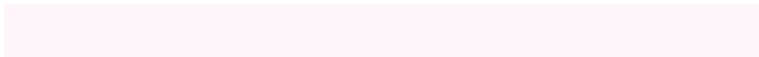
93.3825, 0.3175, 0.3369



93.3825, 0.3101, 0.3340



93.3825, 0.3079, 0.3212



93.3825, 0.3153, 0.3241

Sweetspot

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



93.3865, 0.3175, 0.3369



99.8357, 0.3142, 0.3314



88.5540, 0.3179, 0.3289



21.3707, 0.3141, 0.3313



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.



93.3865, 0.3175, 0.3369



99.3557, 0.3186, 0.3388



92.6863, 0.3150, 0.3370



20.3344, 0.3197, 0.3406



46.9884, 0.4194, 0.5052



4.3526, 0.4194, 0.5052

Inverse Universe

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



87.5985, 0.3079, 0.3210



91.7848, 0.3067, 0.3190



88.2832, 0.3104, 0.3210



18.5043, 0.3055, 0.3171



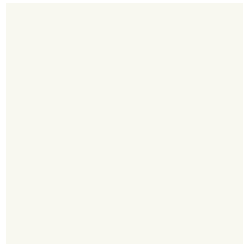
3.6641, 0.1500, 0.0601



0.3400, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 93.3825, 0.3175, 0.3369 looks on a white background.

Color Contrast Check

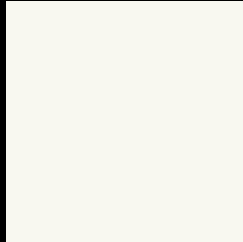
Large Text (above 18pt) WCAG AA × Fail

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 93.3825, 0.3175, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

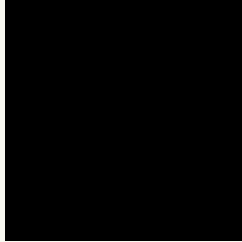
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

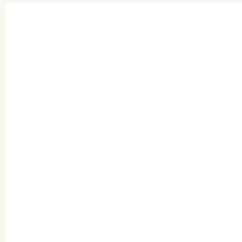
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3825, 0.3175, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 93.3825, 0.3175, 0.3369.

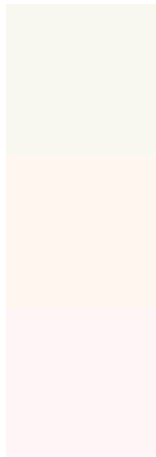


This preview shows how white text looks on a background with the Yxy color 93.3825, 0.3175, 0.3369.

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

93.3825, 0.3175, 0.3369

Protanopia

93.2144, 0.3221, 0.3358

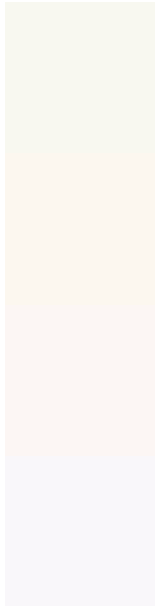
Deuteranopia

93.2186, 0.3186, 0.3281

Tritanopia

93.2713, 0.3093, 0.3203

Trichromacy



Original Color

93.3825, 0.3175, 0.3369

Protanomaly

93.4490, 0.3207, 0.3368

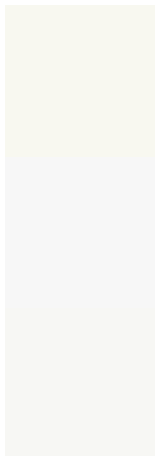
Deuteranomaly

93.1386, 0.3178, 0.3310

Tritanomaly

93.5634, 0.3122, 0.3261

Monochromacy



Original Color

93.3825, 0.3175, 0.3369

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.8273, 0.3145, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3825, 0.3175, 0.3369 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(248, 248, 240)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 240)  
}
```

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(248, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 240) }
```

Border

The CSS property to change the border of an element to Yxy 93.3825, 0.3175, 0.3369 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(248, 248, 240) }
```

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

```
.border{ border-color:rgb(248, 248, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 248, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 248, 240);  
box-shadow:4px 4px 4px 4px rgb(248, 248,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3825, 0.3175, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 248, 240) }
```

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

```
.background{ background-color: rgb(248,  
248, 240) }
```

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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