

Converting Colors

$Yxy(93.5931, 0.3181, 0.3403)$

Have a look what the booklet for
Yxy(93.5931, 0.3181, 0.3403)
contains.

Yxy(93.6399, 0.3186, 0.3408)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.6399, 0.3186, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	F7F9ED
RGB	247, 249, 237
RGB Percent	97%, 98%, 93%
CMY	0.0311, 0.0236, 0.0706
CMYK	0.01, 0.00, 0.05, 0.02
HSL	70°, 50%, 95%
HSV	70°, 5%, 98%
XYZ	87.5401, 93.6399, 93.5849
YIQ	247.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

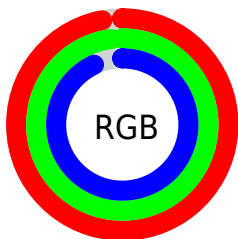
Format	Color
R _Y B	237, 249, 239
Decimal	16251373
CIE Lab	97.49, -2.69, 5.51
CIE LCh	97, 6.133, 116.046
Yxy	93.6399, 0.3186, 0.3408
Android (android.graphics.Color)	4294441453 (0xFFFF7F9ED)
YUV	247.0340, -4.9468, -0.0298
Hunter-Lab	96.7677, -7.8649, 10.3975

Details

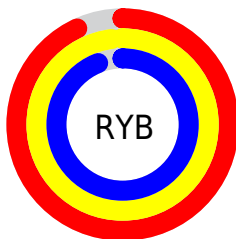
The Yxy color 93.6399, 0.3186, 0.3408 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.7461, 0.3067, 0.3170, and the grayscale version is 93.0915, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.5525, 0.3201, 0.3441 is the 20% darker color. If you saturate the color by 10%, you get 91.5754, 0.3311, 0.3663, and if you desaturate by 10%, it is 95.4771, 0.3105, 0.3232.

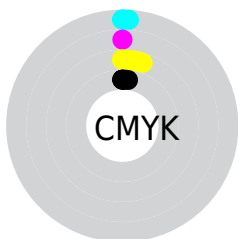
Distribution



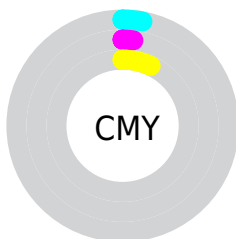
- Red (97%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6399, 0.3186, 0.3408 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 93.6399, 0.3186, 0.3408 by changing the saturation by 10% instead.

 93.6399, 0.3186,
0.3408

 93.6399, 0.3186,
0.3408


539.8015, 0.3160,
0.3356

 71.0035, 0.3192,
0.3420


152.3842, 0.3177,
0.3390

 52.3450, 0.3198,
0.3433


189.2609, 0.3174,
0.3383

 37.2802, 0.3207,
0.3451


231.6532, 0.3171,
0.3377

 25.4245, 0.3218,
0.3473

279.9454, 0.3168,
0.3372

 16.3936, 0.3232,
0.3502

334.5219, 0.3166,
0.3367

 9.8031, 0.3251,
0.3543

395.7672, 0.3164,

 5.2686, 0.3278,

0.3363

464.0656, 0.3162,
0.3359

0.3602

■ 2.4057, 0.3322,
0.3698

■ 0.8288, 0.3491,
0.4008

■ 93.6399, 0.3186,
0.3408

■ 93.6399, 0.3186,
0.3408

■ 91.5754, 0.3311,
0.3663

■ 95.4771, 0.3105,
0.3232

■ 89.7158, 0.3435,
0.3926

■ 96.2205, 0.3130,
0.3233

■ 88.0563, 0.3556,
0.4189

■ 96.2208, 0.3130,
0.3233

■ 86.5872, 0.3668,
0.4445

■ 85.2981, 0.3764,
0.4681

■ 84.1773, 0.3840,
0.4887

■ 83.2119, 0.3892,
0.5054

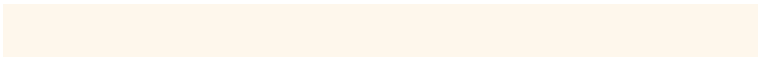
■ 82.3866, 0.3917,
0.5176

■ 81.6830, 0.3917,
0.5251

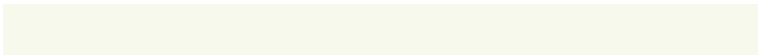
Harmonies

Analogous

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



93.6399, 0.3238, 0.3398



93.6399, 0.3186, 0.3408



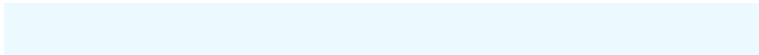
93.6399, 0.3118, 0.3386

Triad

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



93.6399, 0.3186, 0.3408



93.6399, 0.2996, 0.3219



93.6399, 0.3201, 0.3244

Complementary

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



93.6399, 0.3186, 0.3408



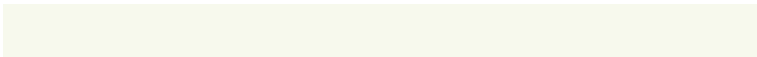
85.7461, 0.3067, 0.3170

Split Complementary

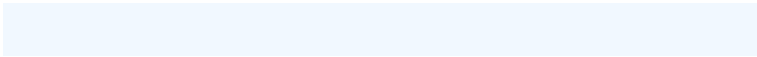
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.6399, 0.3135, 0.3197



93.6399, 0.3186, 0.3408



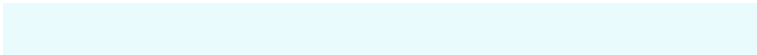
93.6399, 0.3017, 0.3182

Square

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



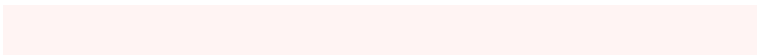
93.6399, 0.3186, 0.3408



93.6399, 0.3009, 0.3275



93.6399, 0.3068, 0.3175



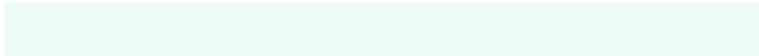
93.6399, 0.3247, 0.3303

Rectangle

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



93.6399, 0.3186, 0.3408



93.6399, 0.3074, 0.3355



93.6399, 0.3068, 0.3175



93.6399, 0.3180, 0.3227

Sweetspot

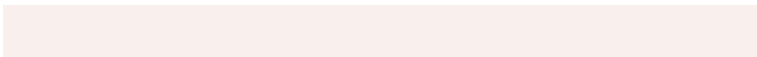
The Sweet Spot groups the original color and five complimentary colors.



93.6440, 0.3186, 0.3408



99.7600, 0.3139, 0.3314



87.8692, 0.3206, 0.3308



21.3553, 0.3139, 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.



93.6440, 0.3186, 0.3408



98.5948, 0.3201, 0.3438



92.5913, 0.3148, 0.3409



20.1726, 0.3209, 0.3454



43.6051, 0.3915, 0.5274



4.0748, 0.3950, 0.5246

Inverse Universe

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



85.7461, 0.3067, 0.3170



88.2646, 0.3051, 0.3139



86.7857, 0.3105, 0.3172



17.8404, 0.3042, 0.3122



3.9373, 0.1566, 0.0637



0.4019, 0.1660, 0.0688

Previews

White Background



This preview shows how the Yxy color 93.6399, 0.3186, 0.3408 looks on a white background.

Color Contrast Check

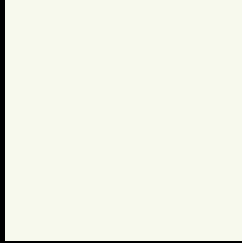
Large Text (above 18pt) WCAG AA × Fail

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 93.6399, 0.3186, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

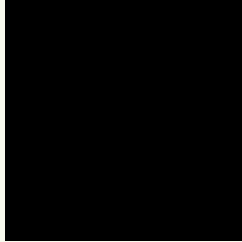
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

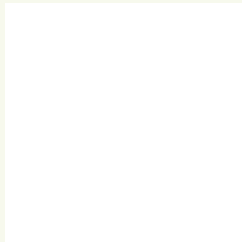
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.6399, 0.3186, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 93.6399, 0.3186, 0.3408.

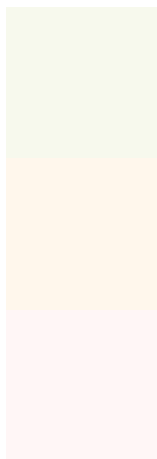


This preview shows how white text looks on a background with the Yxy color 93.6399, 0.3186, 0.3408.

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

93.6399, 0.3186, 0.3408

Protanopia

93.8377, 0.3245, 0.3397

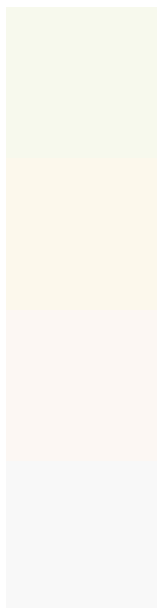
Deuteranopia

93.8254, 0.3185, 0.3290

Tritanopia

93.8813, 0.3093, 0.3213

Trichromacy



Original Color

93.6399, 0.3186, 0.3408

Protanomaly

93.8864, 0.3225, 0.3407

Deuteranomaly

93.6880, 0.3183, 0.3329

Tritanomaly

93.8686, 0.3127, 0.3290

Monochromacy



Original Color

93.6399, 0.3186, 0.3408

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.3800, 0.3150, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6399, 0.3186, 0.3408 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(247, 249, 237)` looks like.

```
.text, #text, p{  
    color:rgb(247, 249, 237)  
}
```

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(247, 249, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 249, 237) }
```

Border

The CSS property to change the border of an element to Yxy 93.6399, 0.3186, 0.3408 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(247, 249, 237) }
```

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

```
.border{ border-color:rgb(247, 249, 237) }
```

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

Here you see how a box with a 4 pixel rgb(247, 249, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 249, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 249, 237);  
box-shadow:4px 4px 4px 4px rgb(247, 249,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6399, 0.3186, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 249, 237) }
```

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

```
.background{ background-color: rgb(247,  
249, 237) }
```

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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