

Converting Colors

$Yxy(93.8479, 0.3094, 0.3399)$

Have a look what the booklet for
Yxy(93.8479, 0.3094, 0.3399)
contains.

Yxy(93.9762, 0.3097, 0.3400)	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(93.9762, 0.3097, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	EDFCF1
RGB	237, 252, 241
RGB Percent	93%, 99%, 95%
CMY	0.0707, 0.0117, 0.0550
CMYK	0.06, 0.00, 0.04, 0.01
HSL	136°, 72%, 96%
HSV	136°, 6%, 99%
XYZ	85.6013, 93.9762, 96.8231
YIQ	246.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

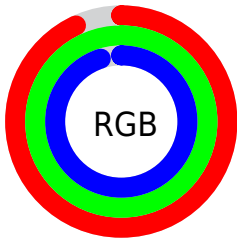
Format	Color
R _Y B	237, 249, 252
Decimal	15596785
CIE Lab	97.62, -6.90, 3.58
CIE LCh	98, 7.768, 152.595
Yxy	93.9762, 0.3097, 0.3400
Android (android.graphics.Color)	4293786865 (0xFFEDFCF1)
YUV	246.2610, -2.5937, -8.1219
Hunter-Lab	96.9413, -12.0280, 8.6412

Details

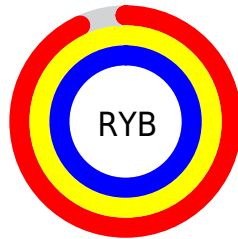
The Yxy color 93.9762, 0.3097, 0.3400 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.0281, 0.3159, 0.3182, and the grayscale version is 92.4035, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.3568, 0.3089, 0.3418 is the 20% darker color. If you saturate the color by 10%, you get 88.8936, 0.3046, 0.3604, and if you desaturate by 10%, it is 98.1116, 0.3128, 0.3262.

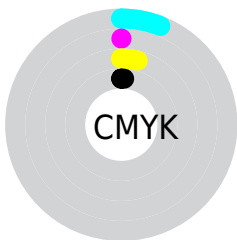
Distribution



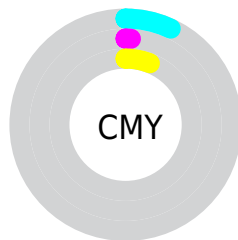
- Red (93%)
- Green (99%)
- Blue (95%)



- Red (93%)
- Yellow (98%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)




- Cyan (7%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9762, 0.3097, 0.3400 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 93.9762, 0.3097, 0.3400 by changing the saturation by 10% instead.


 93.9762, 0.3097,
0.3400

 93.9762, 0.3097,
0.3400


540.8822, 0.3111,
0.3351

 71.2832, 0.3094,
0.3411


152.8494, 0.3102,
0.3383

 52.5733, 0.3090,
0.3424


189.7984, 0.3103,
0.3377

 37.4623, 0.3086,
0.3440


232.2681, 0.3105,
0.3371

 25.5656, 0.3080,
0.3461


280.6430, 0.3106,
0.3366

 16.4989, 0.3072,
0.3489

335.3075, 0.3108,
0.3362

 9.8779, 0.3061,
0.3527

396.6459, 0.3109,

 5.3181, 0.3045,

0.3358

0.3584

465.0427, 0.3110,
0.3354

■ 2.4351, 0.3018,
0.3676

■ 0.8438, 0.2952,
0.3931

■ 93.9762, 0.3097,
0.3400

■ 93.9762, 0.3097,
0.3400

■ 88.8936, 0.3046,
0.3604

■ 98.1116, 0.3128,
0.3262

■ 84.5002, 0.2997,
0.3832

■ 80.7695, 0.2952,
0.4083

■ 77.6686, 0.2912,
0.4353

■ 75.1618, 0.2883,
0.4635

■ 73.2097, 0.2866,
0.4918

■ 71.7679, 0.2864,
0.5189

■ 70.7851, 0.2877,
0.5432

■ 70.1980, 0.2905,
0.5634

Harmonies

Analogous

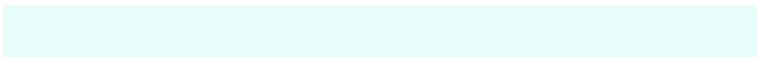
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9762, 0.3184, 0.3437



93.9762, 0.3097, 0.3400



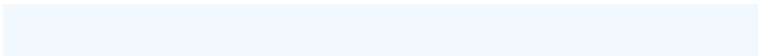
93.9762, 0.3019, 0.3333

Triad

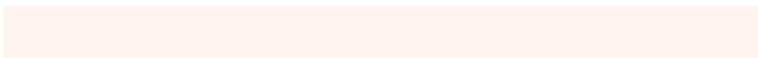
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.9762, 0.3097, 0.3400



93.9762, 0.2999, 0.3149



93.9762, 0.3286, 0.3323

Complementary

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



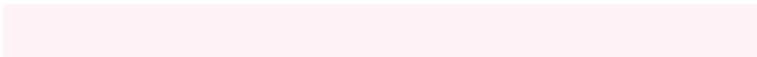
93.9762, 0.3097, 0.3400



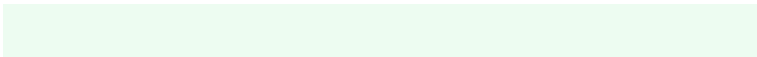
88.0281, 0.3159, 0.3182

Split Complementary

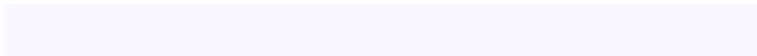
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9762, 0.3236, 0.3247



93.9762, 0.3097, 0.3400



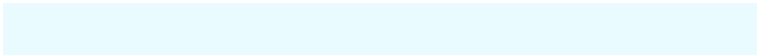
93.9762, 0.3069, 0.3148

Square

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



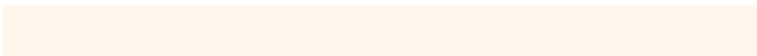
93.9762, 0.3097, 0.3400



93.9762, 0.2963, 0.3187



93.9762, 0.3156, 0.3184



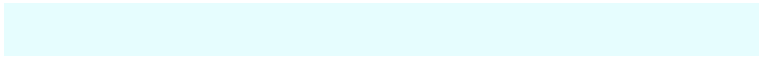
93.9762, 0.3294, 0.3391

Rectangle

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



93.9762, 0.3097, 0.3400



93.9762, 0.2983, 0.3280



93.9762, 0.3156, 0.3184



93.9762, 0.3274, 0.3297

Sweetspot

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



93.9802, 0.3097, 0.3400



98.8067, 0.3117, 0.3326



95.7475, 0.3192, 0.3437



21.1612, 0.3118, 0.3324



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.



93.9802, 0.3097, 0.3400



95.9550, 0.3092, 0.3420



94.4242, 0.3055, 0.3327



19.5951, 0.3089, 0.3431



36.4981, 0.2910, 0.5676



3.3971, 0.2847, 0.5448

Inverse Universe

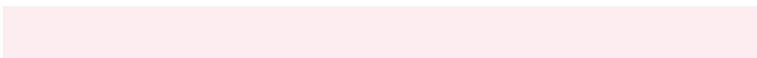
The Inverse Universe completely reimagines the original color for something new.



88.0281, 0.3159, 0.3182



88.8333, 0.3165, 0.3163



87.5847, 0.3204, 0.3253



18.0196, 0.3168, 0.3153



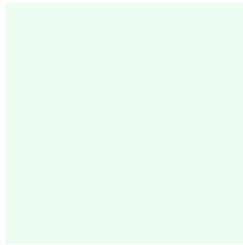
12.6305, 0.4021, 0.1989



1.1873, 0.3902, 0.1923

Previews

White Background



This preview shows how the Yxy color 93.9762, 0.3097, 0.3400 looks on a white background.

Color Contrast Check

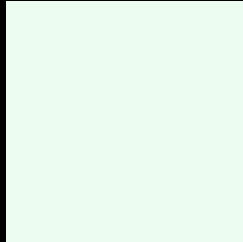
Large Text (above 18pt) WCAG AA × Fail

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 93.9762, 0.3097, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

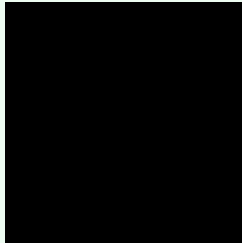
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

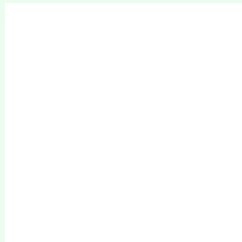
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.9762, 0.3097, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 93.9762, 0.3097, 0.3400.

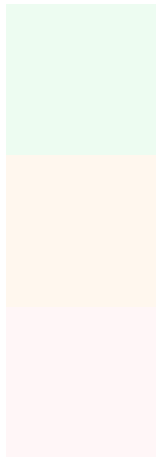


This preview shows how white text looks on a background with the Yxy color 93.9762, 0.3097, 0.3400.

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

93.9762, 0.3097, 0.3400

Protanopia

93.9546, 0.3233, 0.3378

Deuteranopia

93.8869, 0.3179, 0.3281

Tritanopia

93.9476, 0.3074, 0.3222

Trichromacy



Original Color

93.9762, 0.3097, 0.3400

Protanomaly

93.9398, 0.3180, 0.3388

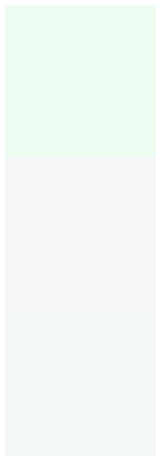
Deuteranomaly

93.6838, 0.3145, 0.3319

Tritanomaly

93.7082, 0.3084, 0.3280

Monochromacy



Original Color

93.9762, 0.3097, 0.3400

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.7211, 0.3119, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9762, 0.3097, 0.3400 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(237, 252, 241)` looks like.

```
.text, #text, p{  
    color:rgb(237, 252, 241)  
}
```

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(237, 252, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 252, 241) }
```

Border

The CSS property to change the border of an element to Yxy 93.9762, 0.3097, 0.3400 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(237, 252, 241) }
```

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

```
.border{ border-color:rgb(237, 252, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 252, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 252, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 252, 241);  
box-shadow:4px 4px 4px 4px rgb(237, 252,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9762, 0.3097, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 252, 241) }
```

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

```
.background{ background-color: rgb(237,  
252, 241) }
```

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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