

Converting Colors

$Yxy(97.3380, 0.3154, 0.3384)$

Have a look what the booklet for
Yxy(97.3380, 0.3154, 0.3384)
contains.

Yxy(97.5550, 0.3154, 0.3387)	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(97.5550, 0.3154, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	F9FEF4
RGB	249, 254, 244
RGB Percent	98%, 100%, 96%
CMY	0.0234, 0.0039, 0.0431
CMYK	0.02, 0.00, 0.04, 0.00
HSL	90°, 83%, 98%
HSV	90°, 4%, 100%
XYZ	90.8440, 97.5550, 99.6288
YIQ	251.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

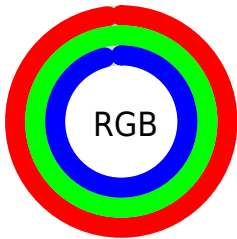
Format	Color
R _Y B	244, 254, 249
Decimal	16383732
CIE Lab	99.05, -3.37, 4.19
CIE LCh	99, 5.380, 128.825
Yxy	97.5550, 0.3154, 0.3387
Android (android.graphics.Color)	4294573812 (0xFFF9FEF4)
YUV	251.3650, -3.6309, -2.0741
Hunter-Lab	98.7699, -8.6715, 9.3334

Details

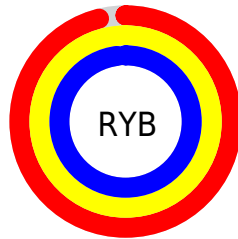
The Yxy color 97.5550, 0.3154, 0.3387 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.9923, 0.3099, 0.3193, and the grayscale version is 96.8247, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.9008, 0.3162, 0.3401 is the 20% darker color. If you saturate the color by 10%, you get 93.8763, 0.3222, 0.3649, and if you desaturate by 10%, it is 99.3632, 0.3128, 0.3281.

Distribution



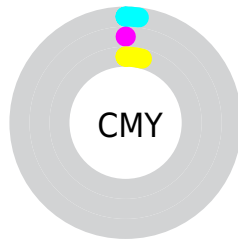
- Red (98%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.5550, 0.3154, 0.3387 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 97.5550, 0.3154, 0.3387 by changing the saturation by 10% instead.

 97.5550, 0.3154,
0.3387

 97.5550, 0.3154,
0.3387


552.3126, 0.3142,
0.3344

 74.2633, 0.3156,
0.3396


157.7898, 0.3150,
0.3373

 55.0096, 0.3160,
0.3408


195.5016, 0.3149,
0.3367

 39.4094, 0.3163,
0.3422


238.7890, 0.3147,
0.3362

 27.0784, 0.3168,
0.3439

288.0363, 0.3146,
0.3357

 17.6321, 0.3174,
0.3463

343.6279, 0.3145,
0.3354

 10.6862, 0.3182,
0.3495

405.9483, 0.3144,

 5.8562, 0.3194,

0.3350

0.3541

475.3817, 0.3143,
0.3347

■ 2.7579, 0.3211,
0.3616

■ 1.0067, 0.3253,
0.3765

■ 97.5550, 0.3154,
0.3387

■ 97.5550, 0.3154,
0.3387

■ 93.8763, 0.3222,
0.3649

99.3632, 0.3128,
0.3281

■ 90.5504, 0.3289,
0.3931

■ 87.5693, 0.3350,
0.4227

■ 84.9198, 0.3402,
0.4530

■ 82.5876, 0.3440,
0.4826

■ 80.5574, 0.3460,
0.5102

■ 78.8121, 0.3459,
0.5341

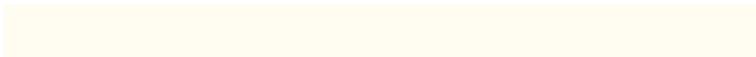
■ 77.3323, 0.3435,
0.5530

■ 76.0951, 0.3390,
0.5661

Harmonies

Analogous

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



97.5550, 0.3207, 0.3391



97.5550, 0.3154, 0.3387



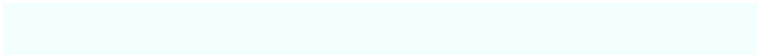
97.5550, 0.3095, 0.3357

Triad

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



97.5550, 0.3154, 0.3387



97.5550, 0.3018, 0.3212



97.5550, 0.3211, 0.3272

Complementary

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



97.5550, 0.3154, 0.3387



91.9923, 0.3099, 0.3193

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.



97.5550, 0.3159, 0.3225



97.5550, 0.3154, 0.3387



97.5550, 0.3048, 0.3191

Square

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



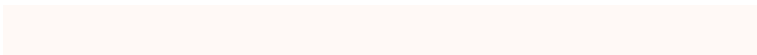
97.5550, 0.3154, 0.3387



97.5550, 0.3016, 0.3255



97.5550, 0.3100, 0.3196



97.5550, 0.3240, 0.3323

Rectangle

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



97.5550, 0.3154, 0.3387



97.5550, 0.3059, 0.3326



97.5550, 0.3100, 0.3196



97.5550, 0.3195, 0.3255

Sweetspot

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



97.5592, 0.3154, 0.3387



99.5970, 0.3134, 0.3314



95.2506, 0.3189, 0.3337



21.3221, 0.3134, 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.



97.5592, 0.3154, 0.3387



98.0227, 0.3161, 0.3414



96.6778, 0.3124, 0.3388



20.9230, 0.3166, 0.3432



39.8635, 0.3368, 0.5708



3.9463, 0.3453, 0.5640

Inverse Universe

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



91.9923, 0.3099, 0.3193



90.9381, 0.3092, 0.3166



92.8966, 0.3131, 0.3194



19.2017, 0.3086, 0.3148



6.2130, 0.2016, 0.0884



0.6698, 0.2138, 0.0952

Previews

White Background



This preview shows how the Yxy color 97.5550, 0.3154, 0.3387 looks on a white background.

Color Contrast Check

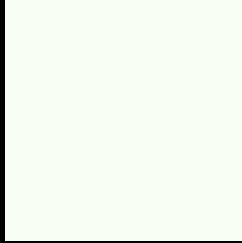
Large Text (above 18pt) WCAG AA × Fail

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 97.5550, 0.3154, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

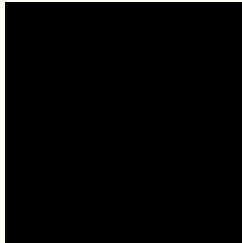
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.5550, 0.3154, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 97.5550, 0.3154, 0.3387.



This preview shows how white text looks on a background with the Yxy color 97.5550, 0.3154, 0.3387.

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



The image shows three vertical color swatches. The top swatch is a light green, representing the 'Original Color'. The middle swatch is a light orange, representing 'Protanopia'. The bottom swatch is a light pink, representing 'Deuteranopia'. Each swatch is followed by its corresponding numerical values in blue text.

Original Color

97.5550, 0.3154, 0.3387

Protanopia

97.6581, 0.3169, 0.3328

Deuteranopia

97.2826, 0.3146, 0.3281

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy



Original Color

97.5550, 0.3154, 0.3387

Protanomaly

97.8486, 0.3162, 0.3348

Deuteranomaly

97.3430, 0.3151, 0.3319

Tritanomaly

97.7248, 0.3126, 0.3309

Monochromacy



Original Color

97.5550, 0.3154, 0.3387

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.7221, 0.3138, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.5550, 0.3154, 0.3387 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(249, 254, 244)` looks like.

```
.text, #text, p{  
    color:rgb(249, 254, 244)  
}
```

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(249, 254, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 244) }
```

Border

The CSS property to change the border of an element to Yxy 97.5550, 0.3154, 0.3387 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(249, 254, 244) }
```

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

```
.border{ border-color:rgb(249, 254, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 254, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 97.5550, 0.3154, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 254, 244) }
```

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

```
.background{ background-color: rgb(249,  
254, 244) }
```

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