

Converting Colors

$Yxy(33.5510, 0.3158, 0.3482)$

Have a look what the booklet for
Yxy(33.5510, 0.3158, 0.3482)
contains.

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Color

Yxy(33.4822, 0.3157, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	979F93
RGB	151, 159, 147
RGB Percent	59%, 62%, 58%
CMY	0.4079, 0.3765, 0.4235
CMYK	0.05, 0.00, 0.08, 0.38
HSL	100°, 6%, 60%
HSV	100°, 8%, 62%
XYZ	30.4270, 33.4822, 32.4702
YIQ	155.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

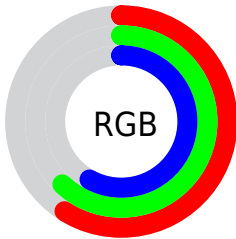
Format	Color
RYB	147, 159, 155
Decimal	9936787
CIELab	64.55, -5.16, 5.26
CIELCh	65, 7.364, 134.437
Yxy	33.4822, 0.3157, 0.3474
Android (android.graphics.Color)	4288126867 (0xFF979F93)
YUV	155.2400, -4.0623, -3.7185
Hunter-Lab	57.8638, -7.3996, 7.2341

Details

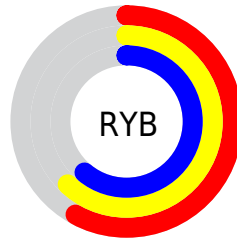
The Yxy color **33.4822, 0.3157, 0.3474** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3486, 0.3095, 0.3108**, and the grayscale version is **32.9094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2893, 0.3149, 0.3441**, and **14.2790, 0.3170, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **32.0467, 0.3195, 0.3740**, and if you desaturate by 10%, it is **35.0813, 0.3117, 0.3233**.

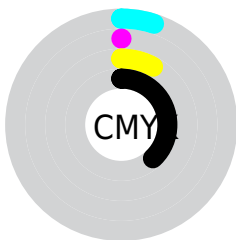
Distribution



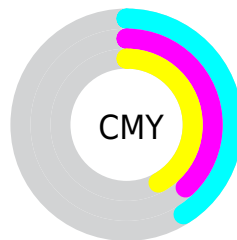
- Red (59%)
- Green (62%)
- Blue (58%)



- Red (58%)
- Yellow (62%)
- Blue (61%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)



- Cyan (41%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.4822, 0.3157, 0.3474 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 33.4822, 0.3157, 0.3474 by changing the saturation by 10% instead.

■ 33.4822, 0.3157,
0.3474

■ 33.4822, 0.3157,
0.3474

317.8170, 0.3142,
0.3376

■ 22.4961, 0.3161,
0.3501

■ 65.1276, 0.3151,
0.3437

■ 14.2219, 0.3166,
0.3536

■ 86.5558, 0.3149,
0.3423

■ 8.2751, 0.3173,
0.3587

112.2333, 0.3148,
0.3412

■ 4.2715, 0.3182,
0.3663

142.5448, 0.3146,
0.3403

■ 1.8266, 0.3197,
0.3792

177.8745, 0.3145,
0.3395

■ 0.5037, 0.3402,
0.4856

218.6068, 0.3144,

■ 0.0000, 0.0000,

0.3388

0.0000

265.1262, 0.3143,
0.3381

■ 33.4822, 0.3157,
0.3474

■ 33.4822, 0.3157,
0.3474

■ 32.0467, 0.3195,
0.3740

■ 35.0813, 0.3117,
0.3233

■ 30.7653, 0.3231,
0.4029

■ 36.8446, 0.3078,
0.3017

■ 29.6339, 0.3261,
0.4336

■ 38.7784, 0.3040,
0.2825

■ 28.6466, 0.3282,
0.4651

■ 40.8872, 0.3003,
0.2656

■ 27.7972, 0.3292,
0.4961

■ 43.1753, 0.2968,
0.2506

■ 27.0787, 0.3288,
0.5250

■ 45.6471, 0.2936,
0.2374

■ 26.4839, 0.3269,
0.5500

■ 48.0907, 0.2930,
0.2286

■ 26.0042, 0.3234,
0.5695

■ 49.8569, 0.3016,
0.2311

■ 25.6277, 0.3188,
0.5830

■ 51.7314, 0.3103,
0.2337

Harmonies

Analogous

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



33.4822, 0.3265, 0.3490



33.4822, 0.3157, 0.3474



33.4822, 0.3042, 0.3406

Triad

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



33.4822, 0.3157, 0.3474



33.4822, 0.2921, 0.3126



33.4822, 0.3305, 0.3272

Complementary

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



33.4822, 0.3157, 0.3474



30.3486, 0.3095, 0.3108

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.



33.4822, 0.3210, 0.3179



33.4822, 0.3157, 0.3474



33.4822, 0.2989, 0.3095

Square

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



33.4822, 0.3157, 0.3474



33.4822, 0.2908, 0.3202



33.4822, 0.3094, 0.3115



33.4822, 0.3352, 0.3371

Rectangle

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



33.4822, 0.3157, 0.3474



33.4822, 0.2978, 0.3340



33.4822, 0.3094, 0.3115



33.4822, 0.3278, 0.3239

Sweetspot

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



33.4836, 0.3157, 0.3474



61.4995, 0.3135, 0.3338



32.9245, 0.3241, 0.3411



13.8727, 0.3135, 0.3335



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



33.4836, 0.3157, 0.3474



59.5225, 0.3163, 0.3516



33.1732, 0.3101, 0.3445



7.5025, 0.3164, 0.3518



20.1971, 0.3183, 0.5855



0.3829, 0.3494, 0.5608

Inverse Universe

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



30.3486, 0.3095, 0.3108



52.7655, 0.3088, 0.3068



30.6794, 0.3155, 0.3140



6.6444, 0.3087, 0.3066



4.4353, 0.2404, 0.1098



0.1014, 0.2742, 0.1284

Previews

White Background



This preview shows how the Yxy color 33.4822, 0.3157, 0.3474 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 33.4822, 0.3157, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

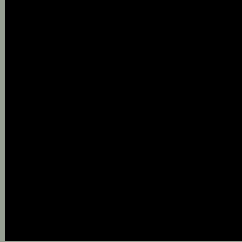
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

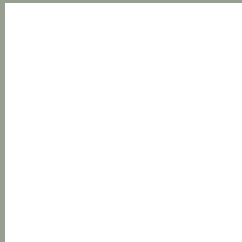
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.4822, 0.3157, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 33.4822, 0.3157, 0.3474.



This preview shows how white text looks on a background with the Yxy color 33.4822, 0.3157, 0.3474.

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

33.4822, 0.3157, 0.3474

Protanopia

33.5026, 0.3289, 0.3455

Deuteranopia

33.3018, 0.3384, 0.3320



Tritanopia

33.4741, 0.3001, 0.3112

Trichromacy



Original Color

33.4822, 0.3157, 0.3474

Protanomaly

33.4584, 0.3238, 0.3456

Deuteranomaly

33.3563, 0.3305, 0.3379

Tritanomaly

33.4243, 0.3062, 0.3245

Monochromacy



Original Color

33.4822, 0.3157, 0.3474

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.9140, 0.3144, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4822, 0.3157, 0.3474 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(151, 159, 147)` looks like.

```
.text, #text, p{  
    color:rgb(151, 159, 147)  
}
```

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(151, 159, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 159, 147) }
```

Border

The CSS property to change the border of an element to Yxy 33.4822, 0.3157, 0.3474 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(151, 159, 147) }
```

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

```
.border{ border-color:rgb(151, 159, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 159, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(151, 159,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4822, 0.3157, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 159, 147) }
```

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

```
.background{ background-color: rgb(151,  
159, 147) }
```

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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