

Converting Colors

$Yxy(43.3147, 0.3144, 0.3457)$

Have a look what the booklet for
Yxy(43.3147, 0.3144, 0.3457)
contains.

Yxy(43.4284, 0.3145, 0.3469)	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(43.4284, 0.3145, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	A9B3A6
RGB	169, 179, 166
RGB Percent	66%, 70%, 65%
CMY	0.3371, 0.2981, 0.3490
CMYK	0.06, 0.00, 0.07, 0.30
HSL	106°, 8%, 68%
HSV	106°, 7%, 70%
XYZ	39.3722, 43.4284, 42.3893
YIQ	174.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

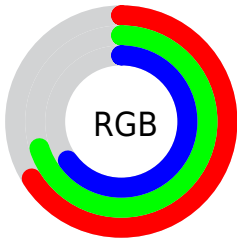
Format	Color
RYB	166, 179, 176
Decimal	11121574
CIELab	71.84, -5.92, 5.42
CIELCh	72, 8.024, 137.513
Yxy	43.4284, 0.3145, 0.3469
Android (android.graphics.Color)	4289311654 (0xFFA9B3A6)
YUV	174.5280, -4.2043, -4.8481
Hunter-Lab	65.9002, -8.6802, 7.9928

Details

The Yxy color **43.4284, 0.3145, 0.3469** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7576, 0.3108, 0.3114**, and the grayscale version is **42.6402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4844, 0.3140, 0.3439**, and **19.9185, 0.3152, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **41.3787, 0.3168, 0.3740**, and if you desaturate by 10%, it is **45.7327, 0.3120, 0.3226**.

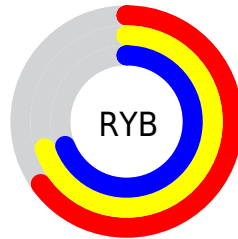
Distribution



Red (66%)

Green (70%)

Blue (65%)



Red (65%)

Yellow (70%)

Blue (69%)

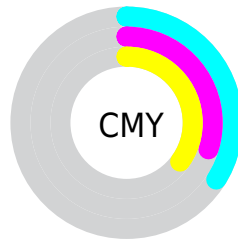


Cyan (6%)

Magenta (0%)

Yellow (7%)

Black (30%)



Cyan (34%)

Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4284, 0.3145, 0.3469 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 43.4284, 0.3145, 0.3469 by changing the saturation by 10% instead.

■ 43.4284, 0.3145,
0.3469

■ 43.4284, 0.3145,
0.3469

360.3706, 0.3136,
0.3378

■ 30.2214, 0.3147,
0.3493

■ 80.3569, 0.3142,
0.3435

■ 20.0067, 0.3150,
0.3523

■ 104.8472, 0.3141,
0.3423

■ 12.3999, 0.3153,
0.3565

133.8674, 0.3140,
0.3412

■ 7.0166, 0.3157,
0.3625

167.8019, 0.3139,
0.3403

■ 3.4725, 0.3162,
0.3717

207.0351, 0.3138,
0.3395

■ 1.3831, 0.3169,
0.3881

251.9513, 0.3138,

■ 0.2042, 0.1956,

0.3389

0.8044

302.9350, 0.3137,
0.3383

0.0000, 0.0000,
0.0000

43.4284, 0.3145,
0.3469

43.4284, 0.3145,
0.3469

41.3787, 0.3168,
0.3740

45.7327, 0.3120,
0.3226

39.5692, 0.3188,
0.4038

48.2941, 0.3095,
0.3011

37.9928, 0.3204,
0.4356

51.1224, 0.3070,
0.2821

36.6396, 0.3212,
0.4686

54.2250, 0.3047,
0.2655

35.4992, 0.3211,
0.5012

57.5764, 0.3027,
0.2515

■ 34.5603, 0.3199,
0.5315

■ 60.0389, 0.3134,
0.2539

■ 33.8104, 0.3175,
0.5574

■ 60.7172, 0.3162,
0.2546

■ 33.2355, 0.3141,
0.5771

■ 32.8176, 0.3101,
0.5899

Harmonies

Analogous

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



43.4284, 0.3255, 0.3491



43.4284, 0.3145, 0.3469



43.4284, 0.3032, 0.3396

Triad

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



43.4284, 0.3145, 0.3469



43.4284, 0.2926, 0.3121



43.4284, 0.3313, 0.3282

Complementary

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



43.4284, 0.3145, 0.3469



39.7576, 0.3108, 0.3114

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.



43.4284, 0.3221, 0.3187



43.4284, 0.3145, 0.3469



43.4284, 0.2998, 0.3095

Square

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



43.4284, 0.3145, 0.3469



43.4284, 0.2906, 0.3193



43.4284, 0.3106, 0.3119



43.4284, 0.3353, 0.3381

Rectangle

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



43.4284, 0.3145, 0.3469



43.4284, 0.2969, 0.3330



43.4284, 0.3106, 0.3119



43.4284, 0.3287, 0.3249

Sweetspot

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



43.4303, 0.3145, 0.3469



79.8845, 0.3132, 0.3339



43.3730, 0.3236, 0.3424



17.7083, 0.3132, 0.3336



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.4303, 0.3145, 0.3469



77.0572, 0.3150, 0.3518



43.2280, 0.3091, 0.3422



9.5826, 0.3150, 0.3523



23.1518, 0.3097, 0.5923



0.7552, 0.3302, 0.5760

Inverse Universe

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



39.7576, 0.3108, 0.3114



68.8600, 0.3102, 0.3067



39.9760, 0.3165, 0.3162



8.5449, 0.3102, 0.3063



6.1040, 0.2633, 0.1224



0.2164, 0.2803, 0.1318

Previews

White Background



This preview shows how the Yxy color 43.4284, 0.3145, 0.3469 looks on a white background.

Color Contrast Check

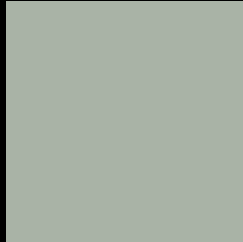
Large Text (above 18pt) WCAG AA × Fail

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 43.4284, 0.3145, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

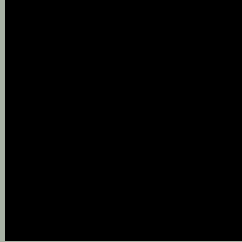
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

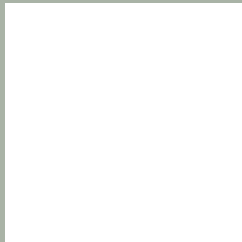
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4284, 0.3145, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 43.4284, 0.3145, 0.3469.



This preview shows how white text looks on a background with the Yxy color 43.4284, 0.3145, 0.3469.

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

43.4284, 0.3145, 0.3469

Protanopia

43.2854, 0.3282, 0.3438

Deuteranopia

43.3124, 0.3385, 0.3317



Tritanopia

43.6090, 0.2998, 0.3117

Trichromacy



Original Color

43.4284, 0.3145, 0.3469

Protanomaly

43.1144, 0.3227, 0.3440

Deuteranomaly

43.1163, 0.3296, 0.3370

Tritanomaly

43.5511, 0.3052, 0.3236

Monochromacy



Original Color

43.4284, 0.3145, 0.3469

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9135, 0.3133, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4284, 0.3145, 0.3469 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(169, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 179, 166)  
}
```

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(169, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 179, 166) }
```

Border

The CSS property to change the border of an element to Yxy 43.4284, 0.3145, 0.3469 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(169, 179, 166) }
```

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

```
.border{ border-color:rgb(169, 179, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 179, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 179, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 179, 166);  
box-shadow:4px 4px 4px 4px rgb(169, 179,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4284, 0.3145, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 179, 166) }
```

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

```
.background{ background-color: rgb(169,  
179, 166) }
```

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