

Converting Colors

Yxy(43.4813, 0.3486, 0.3402)

Have a look what the booklet for
Yxy(43.4813, 0.3486, 0.3402)
contains.

Yxy(43.6020, 0.3486, 0.3406)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.6020, 0.3486, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	C8AAA1
RGB	200, 170, 161
RGB Percent	78%, 67%, 63%
CMY	0.2157, 0.3333, 0.3686
CMYK	0.00, 0.15, 0.19, 0.22
HSL	14°, 26%, 71%
HSV	14°, 19%, 78%
XYZ	44.6261, 43.6020, 39.7871
YIQ	177.9440, 20.7690, 3.5610

Conversions

Conversions Part 2

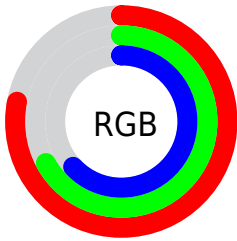
Format	Color
R _Y B	200, 173, 161
Decimal	13150881
CIE Lab	71.96, 9.47, 8.67
CIE LCh	72, 12.842, 42.483
Yxy	43.6020, 0.3486, 0.3406
Android (android.graphics.Color)	4291340961 (0xFFC8AAA1)
YUV	177.9440, -8.3534, 19.3431
Hunter-Lab	66.0318, 5.0796, 10.4974

Details

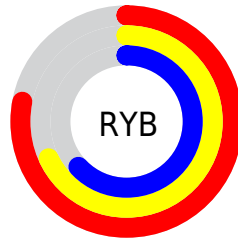
The Yxy color **43.6020, 0.3486, 0.3406** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0080, 0.2831, 0.3171**, and the grayscale version is **44.5274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0683, 0.3402, 0.3381**, and **20.1936, 0.3592, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **37.5191, 0.3726, 0.3470**, and if you desaturate by 10%, it is **50.4767, 0.3286, 0.3345**.

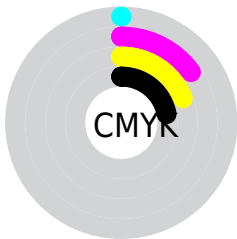
Distribution



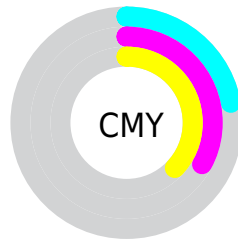
- Red (78%)
- Green (67%)
- Blue (63%)



- Red (78%)
- Yellow (68%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6020, 0.3486, 0.3406 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 43.6020, 0.3486, 0.3406 by changing the saturation by 10% instead.


 43.6020, 0.3486,
0.3406


 43.6020, 0.3486,
0.3406


361.0817, 0.3303,
0.3350

 30.3577, 0.3533,
0.3419


 80.6185, 0.3419,
0.3386

 20.1103, 0.3593,
0.3436


 105.1596, 0.3394,
0.3378

 12.4752, 0.3675,
0.3458

134.2350, 0.3373,
0.3372

 7.0682, 0.3791,
0.3487

168.2292, 0.3355,
0.3366

 3.5048, 0.3968,
0.3526

207.5266, 0.3339,
0.3361

 1.4006, 0.4276,
0.3585

252.5115, 0.3326,

 0.2172, 0.6683,

0.3357

0.3317

303.5684, 0.3314,
0.3353

0.0000, 0.0000,
0.0000

43.6020, 0.3486,
0.3406

43.6020, 0.3486,
0.3406

37.5191, 0.3726,
0.3470

50.4767, 0.3286,
0.3345

32.1936, 0.4010,
0.3533

58.1643, 0.3119,
0.3287

27.5971, 0.4341,
0.3592

66.6925, 0.2981,
0.3234

23.6973, 0.4714,
0.3637

76.0860, 0.2865,
0.3186

20.4593, 0.5113,
0.3660

85.9752, 0.2799,
0.3204

■ 17.8451, 0.5506,
0.3650

■ 91.0182, 0.2805,
0.3289

■ 15.8125, 0.5851,
0.3601

■ 14.3083, 0.6113,
0.3522

■ 14.2440, 0.6126,
0.3518

Harmonies

Analogous

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



43.6020, 0.3404, 0.3249



43.6020, 0.3486, 0.3406



43.6020, 0.3468, 0.3539

Triad

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



43.6020, 0.3486, 0.3406



43.6020, 0.3002, 0.3486



43.6020, 0.2897, 0.2982

Complementary

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



43.6020, 0.3486, 0.3406



49.0080, 0.2831, 0.3171

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.



43.6020, 0.2796, 0.3034



43.6020, 0.3486, 0.3406



43.6020, 0.2856, 0.3323

Square

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



43.6020, 0.3486, 0.3406



43.6020, 0.3185, 0.3592



43.6020, 0.2781, 0.3157



43.6020, 0.3061, 0.3009

Rectangle

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



43.6020, 0.3486, 0.3406



43.6020, 0.3402, 0.3595



43.6020, 0.2781, 0.3157



43.6020, 0.2855, 0.2991

Sweetspot

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



43.6040, 0.3486, 0.3406



91.7728, 0.3226, 0.3325



41.5578, 0.3224, 0.2910



19.4583, 0.3237, 0.3328



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.



43.6040, 0.3486, 0.3406



71.2977, 0.3573, 0.3430



51.2244, 0.3442, 0.3640



11.0275, 0.3284, 0.3344



9.1723, 0.6103, 0.3537



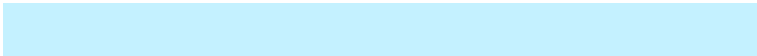
0.5485, 0.5686, 0.3867

Inverse Universe

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



49.0080, 0.2831, 0.3171



82.1893, 0.2774, 0.3145



41.2745, 0.2816, 0.2914



11.6365, 0.2984, 0.3235



17.4555, 0.2038, 0.2535



0.9308, 0.2086, 0.2710

Previews

White Background



This preview shows how the Yxy color 43.6020, 0.3486, 0.3406 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 43.6020, 0.3486, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

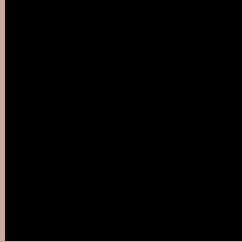
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6020, 0.3486, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 43.6020, 0.3486, 0.3406.



This preview shows how white text looks on a background with the Yxy color 43.6020, 0.3486, 0.3406.

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

43.6020, 0.3486, 0.3406

Protanopia

43.7983, 0.3290, 0.3451

Deuteranopia

43.4648, 0.3477, 0.3406



Tritanopia

43.4893, 0.3338, 0.3128

Trichromacy



Original Color

43.6020, 0.3486, 0.3406

Protanomaly

43.7353, 0.3357, 0.3435

Deuteranomaly

43.4648, 0.3477, 0.3406

Tritanomaly

43.4399, 0.3391, 0.3228

Monochromacy



Original Color

43.6020, 0.3486, 0.3406

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0776, 0.3250, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6020, 0.3486, 0.3406 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(200, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(200, 170, 161)  
}
```

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(200, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 170, 161) }
```

Border

The CSS property to change the border of an element to Yxy 43.6020, 0.3486, 0.3406 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(200, 170, 161) }
```

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

```
.border{ border-color:rgb(200, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(200, 170,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6020, 0.3486, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 170, 161) }
```

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

```
.background{ background-color: rgb(200,  
170, 161) }
```

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