

Converting Colors

Yxy(43.6468, 0.3270, 0.3163)

Have a look what the booklet for
Yxy(43.6468, 0.3270, 0.3163)
contains.

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Color

Yxy(43.6468, 0.3270, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	C3AAB4
RGB	195, 170, 180
RGB Percent	76%, 67%, 71%
CMY	0.2352, 0.3334, 0.2941
CMYK	0.00, 0.13, 0.08, 0.24
HSL	336°, 17%, 72%
HSV	336°, 13%, 76%
XYZ	45.1233, 43.6468, 49.2217
YIQ	178.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

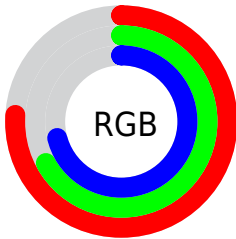
Format	Color
R_{YB}	195, 170, 180
Decimal	12823220
CIE _{Lab}	71.99, 10.78, -1.79
CIE _{LCh}	72, 10.925, 350.595
Yxy	43.6468, 0.3270, 0.3163
Android (android.graphics.Color)	4291013300 (0xFFC3AAB4)
YUV	178.6150, 0.6828, 14.3696
Hunter-Lab	66.0657, 6.3016, 2.0725

Details

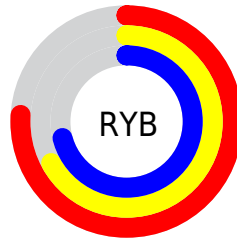
The Yxy color **43.6468, 0.3270, 0.3163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.0931, 0.3003, 0.3421**, and the grayscale version is **44.8576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6020, 0.3244, 0.3181**, and **20.1519, 0.3312, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **36.4137, 0.3409, 0.3058**, and if you desaturate by 10%, it is **52.0088, 0.3156, 0.3263**.

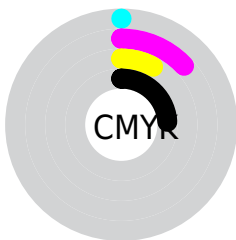
Distribution



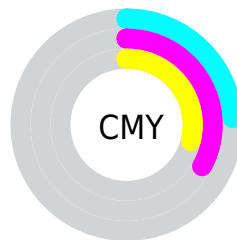
- Red (76%)
- Green (67%)
- Blue (71%)



- Red (76%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6468, 0.3270, 0.3163 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 43.6468, 0.3270, 0.3163 by changing the saturation by 10% instead.


 43.6468, 0.3270,
0.3163

 43.6468, 0.3270,
0.3163

361.2650, 0.3198,
0.3227

 30.3929, 0.3288,
0.3147


 80.6860, 0.3244,
0.3186

 20.1370, 0.3312,
0.3126


105.2401, 0.3234,
0.3195

 12.4947, 0.3343,
0.3099


134.3298, 0.3226,
0.3202

 7.0815, 0.3387,
0.3060

168.3394, 0.3219,
0.3209

 3.5131, 0.3455,
0.3002

207.6533, 0.3212,
0.3214

 1.4051, 0.3569,
0.2905

252.6560, 0.3207,

 0.2205, 0.4467,

0.3219

0.2084

303.7317, 0.3202,
0.3223

0.0000, 0.0000,
0.0000

43.6468, 0.3270,
0.3163

43.6468, 0.3270,
0.3163

36.4137, 0.3409,
0.3058

52.0088, 0.3156,
0.3263

30.2552, 0.3577,
0.2951

61.5395, 0.3062,
0.3356

25.1210, 0.3777,
0.2845

72.2840, 0.2985,
0.3442

20.9546, 0.4013,
0.2750

84.2831, 0.2921,
0.3521

17.6939, 0.4282,
0.2674

89.3324, 0.2862,
0.3465

■ 15.2695, 0.4578,
0.2630

■ 90.0458, 0.2802,
0.3339

■ 13.6019, 0.4887,
0.2630

■ 90.3460, 0.2778,
0.3289

■ 12.5956, 0.5187,
0.2682

■ 12.1544, 0.5390,
0.2743

Harmonies

Analogous

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



43.6468, 0.3114, 0.3067



43.6468, 0.3270, 0.3163



43.6468, 0.3389, 0.3292

Triad

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



43.6468, 0.3270, 0.3163



43.6468, 0.3287, 0.3565



43.6468, 0.2828, 0.3144

Complementary

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



43.6468, 0.3270, 0.3163



51.0931, 0.3003, 0.3421

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.



43.6468, 0.2872, 0.3279



43.6468, 0.3270, 0.3163



43.6468, 0.3134, 0.3528

Square

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



43.6468, 0.3270, 0.3163



43.6468, 0.3398, 0.3525



43.6468, 0.2983, 0.3422



43.6468, 0.2861, 0.3054

Rectangle

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



43.6468, 0.3270, 0.3163



43.6468, 0.3430, 0.3382



43.6468, 0.2983, 0.3422



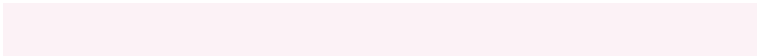
43.6468, 0.2834, 0.3186

Sweetspot

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



43.6487, 0.3270, 0.3163



91.1710, 0.3169, 0.3251



43.0054, 0.3054, 0.2969



19.7026, 0.3177, 0.3243



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.



43.6487, 0.3270, 0.3163



74.8646, 0.3301, 0.3138



44.2034, 0.3354, 0.3323



10.1430, 0.3228, 0.3198



7.9127, 0.5355, 0.2724



0.3555, 0.4765, 0.2399

Inverse Universe

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



43.6487, 0.3270, 0.3163



74.8646, 0.3301, 0.3138



50.4177, 0.2933, 0.3257



10.1430, 0.3228, 0.3198



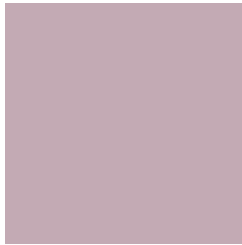
7.9127, 0.5355, 0.2724



0.3555, 0.4765, 0.2399

Previews

White Background



This preview shows how the Yxy color 43.6468, 0.3270, 0.3163 looks on a white background.

Color Contrast Check

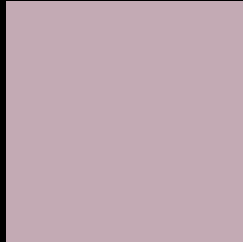
Large Text (above 18pt) WCAG AA × Fail

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 43.6468, 0.3270, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

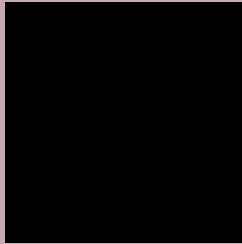
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6468, 0.3270, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 43.6468, 0.3270, 0.3163.



This preview shows how white text looks on a background with the Yxy color 43.6468, 0.3270, 0.3163.

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

43.6468, 0.3270, 0.3163

Protanopia

43.9345, 0.3088, 0.3197

Deuteranopia

43.6276, 0.3241, 0.3175



Tritanopia

43.7705, 0.3244, 0.3125

Trichromacy



Original Color

43.6468, 0.3270, 0.3163

Protanomaly

43.8398, 0.3150, 0.3186

Deuteranomaly

43.7586, 0.3250, 0.3175

Tritanomaly

43.7290, 0.3252, 0.3138

Monochromacy



Original Color

43.6468, 0.3270, 0.3163

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6196, 0.3182, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6468, 0.3270, 0.3163 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(195, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 170, 180)  
}
```

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(195, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 170, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.6468, 0.3270, 0.3163 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(195, 170, 180) }
```

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

```
.border{ border-color:rgb(195, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 170,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6468, 0.3270, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 170, 180) }
```

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

```
.background{ background-color: rgb(195,  
170, 180) }
```

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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