

Converting Colors

$Yxy(48.3961, 0.3362, 0.3651)$

Have a look what the booklet for
Yxy(48.3961, 0.3362, 0.3651)
contains.

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Color

Yxy(48.3124, 0.3359, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	BCBA9F
RGB	188, 186, 159
RGB Percent	74%, 73%, 62%
CMY	0.2627, 0.2706, 0.3764
CMYK	0.00, 0.01, 0.15, 0.26
HSL	56°, 18%, 68%
HSV	56°, 15%, 74%
XYZ	44.5583, 48.3124, 39.7828
YIQ	183.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

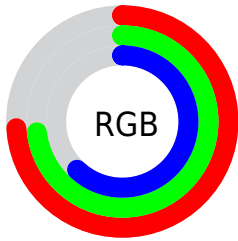
Format	Color
R _Y B	161, 188, 159
Decimal	12368543
CIE Lab	75.02, -3.92, 13.95
CIE LCh	75, 14.493, 105.675
Yxy	48.3124, 0.3359, 0.3642
Android (android.graphics.Color)	4290558623 (0xFFBCBA9F)
YUV	183.5200, -12.0884, 3.9290
Hunter-Lab	69.5071, -7.2081, 14.7200

Details

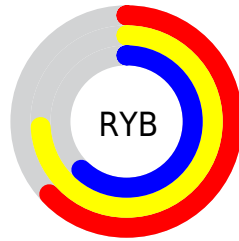
The Yxy color $48.3124, 0.3359, 0.3642$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.5005, 0.2882, 0.2912$, and the grayscale version is $47.7202, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.5924, 0.3314, 0.3575$, and $23.0087, 0.3422, 0.3734$ is the 20% darker color. If you saturate the color by 10%, you get $47.1645, 0.3515, 0.3876$, and if you desaturate by 10%, it is $49.5688, 0.3207, 0.3412$.

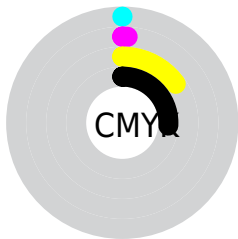
Distribution



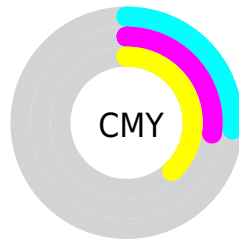
- Red (74%)
- Green (73%)
- Blue (62%)



- Red (63%)
- Yellow (74%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (26%)





- Cyan (26%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3124, 0.3359, 0.3642 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 48.3124, 0.3359, 0.3642 by changing the saturation by 10% instead.


 48.3124, 0.3359,
0.3642


 48.3124, 0.3359,
0.3642


380.0291, 0.3245,
0.3466

 34.0743, 0.3387,
0.3686


 87.6694, 0.3318,
0.3578

 22.9507, 0.3423,
0.3743

 113.5570, 0.3302,
0.3554

 14.5571, 0.3469,
0.3818


144.0967, 0.3289,
0.3533

 8.5092, 0.3533,
0.3923

179.6728, 0.3278,
0.3516

 4.4224, 0.3625,
0.4079

220.6697, 0.3268,
0.3501

 1.9126, 0.3770,
0.4336

267.4718, 0.3259,

 0.5559, 0.4377,

0.3488

0.5623

320.4634, 0.3251,
0.3476

0.0000, 0.0000,
0.0000

48.3124, 0.3359,
0.3642

48.3124, 0.3359,
0.3642

47.1645, 0.3515,
0.3876

49.5688, 0.3207,
0.3412

46.1143, 0.3672,
0.4106

50.9316, 0.3062,
0.3190

45.1591, 0.3823,
0.4325

52.4068, 0.2926,
0.2980

44.2935, 0.3962,
0.4522

53.9983, 0.2801,
0.2785

43.5120, 0.4084,
0.4687

55.7095, 0.2686,
0.2606

■ 42.8078, 0.4183,
0.4815

■ 56.4128, 0.2676,
0.2601

■ 42.1736, 0.4257,
0.4899

■ 56.9941, 0.2677,
0.2616

■ 41.6000, 0.4303,
0.4941

■ 57.5805, 0.2679,
0.2631

■ 41.3487, 0.4320,
0.4952

■ 58.1721, 0.2680,
0.2646

Harmonies

Analogous

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



48.3124, 0.3490, 0.3573



48.3124, 0.3359, 0.3642



48.3124, 0.3168, 0.3612

Triad

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



48.3124, 0.3359, 0.3642



48.3124, 0.2748, 0.3127



48.3124, 0.3279, 0.3104

Complementary

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



48.3124, 0.3359, 0.3642



36.5005, 0.2882, 0.2912

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.



48.3124, 0.3076, 0.2993



48.3124, 0.3359, 0.3642



48.3124, 0.2774, 0.3001

Square

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



48.3124, 0.3359, 0.3642



48.3124, 0.2819, 0.3306



48.3124, 0.2893, 0.2954



48.3124, 0.3444, 0.3263

Rectangle

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



48.3124, 0.3359, 0.3642



48.3124, 0.3034, 0.3537



48.3124, 0.2893, 0.2954



48.3124, 0.3213, 0.3060

Sweetspot

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



48.3145, 0.3359, 0.3642



89.9073, 0.3202, 0.3404



38.0816, 0.3389, 0.3258



19.2984, 0.3212, 0.3420



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



48.3145, 0.3359, 0.3642



86.7211, 0.3420, 0.3733



47.6957, 0.3250, 0.3680



11.0043, 0.3266, 0.3501



28.1940, 0.4318, 0.4953



1.1386, 0.4285, 0.4980

Inverse Universe

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



36.5005, 0.2882, 0.2912



60.6362, 0.2813, 0.2805



37.1005, 0.2989, 0.2896



9.3286, 0.2984, 0.3069



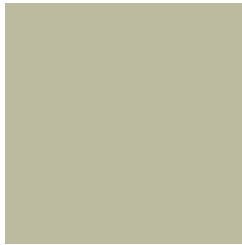
2.7102, 0.1514, 0.0652



0.1428, 0.1568, 0.0845

Previews

White Background



This preview shows how the Yxy color 48.3124, 0.3359, 0.3642 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 48.3124, 0.3359, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

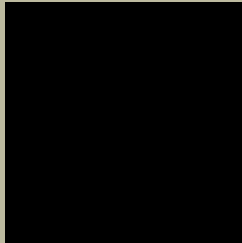
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

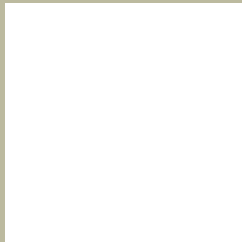
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3124, 0.3359, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 48.3124, 0.3359, 0.3642.



This preview shows how white text looks on a background with the Yxy color 48.3124, 0.3359, 0.3642.

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

48.3124, 0.3359, 0.3642

Protanopia

48.2189, 0.3425, 0.3625

Deuteranopia

48.2629, 0.3569, 0.3499



Tritanopia

48.3253, 0.3118, 0.3116

Trichromacy



Original Color

48.3124, 0.3359, 0.3642

Protanomaly

48.3730, 0.3405, 0.3639

Deuteranomaly

48.2823, 0.3496, 0.3554

Tritanomaly

48.3207, 0.3203, 0.3303

Monochromacy



Original Color

48.3124, 0.3359, 0.3642

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1074, 0.3206, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3124, 0.3359, 0.3642 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(188, 186, 159)` looks like.

```
.text, #text, p{  
    color:rgb(188, 186, 159)  
}
```

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(188, 186, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 186, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.3124, 0.3359, 0.3642 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(188, 186, 159) }
```

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

```
.border{ border-color:rgb(188, 186, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 186, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 186, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 186, 159);  
box-shadow:4px 4px 4px 4px rgb(188, 186,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3124, 0.3359, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 186, 159) }
```

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

```
.background{ background-color: rgb(188,  
186, 159) }
```

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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