

Converting Colors

Yxy(44.3412, 0.3254, 0.3656)

Have a look what the booklet for
Yxy(44.3412, 0.3254, 0.3656)
contains.

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Color

Yxy(44.1850, 0.3258, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	ACB59B
RGB	172, 181, 155
RGB Percent	67%, 71%, 61%
CMY	0.3255, 0.2902, 0.3922
CMYK	0.05, 0.00, 0.14, 0.29
HSL	81°, 15%, 66%
HSV	81°, 14%, 71%
XYZ	39.4505, 44.1850, 37.4525
YIQ	175.3450, 2.9820, -9.9940

Conversions

Conversions Part 2

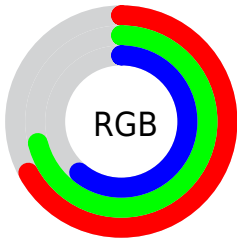
Format	Color
RYB	155, 181, 164
Decimal	11318683
CIELab	72.35, -7.86, 12.20
CIELCh	72, 14.510, 122.784
Yxy	44.1850, 0.3258, 0.3649
Android (android.graphics.Color)	4289508763 (0xFFACB59B)
YUV	175.3450, -10.0301, -2.9336
Hunter-Lab	66.4718, -10.3874, 13.1242

Details

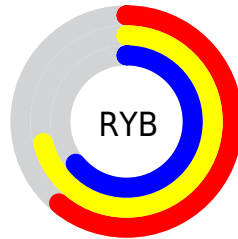
The Yxy color $44.1850, 0.3258, 0.3649$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.6675, 0.2983, 0.2923$, and the grayscale version is $43.1091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.5027, 0.3234, 0.3588$, and $20.4309, 0.3297, 0.3750$ is the 20% darker color. If you saturate the color by 10%, you get $42.9305, 0.3348, 0.3917$, and if you desaturate by 10%, it is $45.5681, 0.3167, 0.3396$.

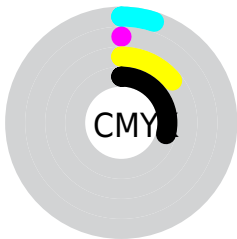
Distribution



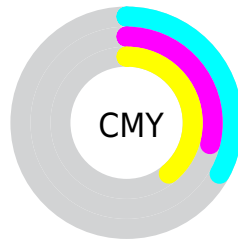
- Red (67%)
- Green (71%)
- Blue (61%)



- Red (61%)
- Yellow (71%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)





- Cyan (33%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1850, 0.3258, 0.3649 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 44.1850, 0.3258, 0.3649 by changing the saturation by 10% instead.


 44.1850, 0.3258,
0.3649


 44.1850, 0.3258,
0.3649

363.4627, 0.3193,
0.3465

 30.8160, 0.3274,
0.3696


 81.4961, 0.3235,
0.3581

 20.4588, 0.3294,
0.3758


 106.2069, 0.3226,
0.3556

 12.7290, 0.3320,
0.3842

135.4671, 0.3219,
0.3535

 7.2422, 0.3355,
0.3961

169.6610, 0.3212,
0.3517

 3.6140, 0.3405,
0.4146

209.1732, 0.3207,
0.3501

 1.4601, 0.3517,
0.4516

254.3879, 0.3202,

 0.2604, 0.1762,

0.3488

0.8238

305.6896, 0.3197,
0.3476

0.0000, 0.0000,
0.0000

44.1850, 0.3258,
0.3649

44.1850, 0.3258,
0.3649

42.9305, 0.3348,
0.3917

45.5681, 0.3167,
0.3396

41.7942, 0.3434,
0.4193

47.0782, 0.3077,
0.3160

40.7733, 0.3511,
0.4470

48.7212, 0.2991,
0.2943

39.8626, 0.3575,
0.4737

50.5010, 0.2909,
0.2746

39.0564, 0.3620,
0.4981

52.4212, 0.2833,
0.2569

■ 38.3483, 0.3643,
0.5191

■ 53.9196, 0.2816,
0.2487

■ 37.7312, 0.3642,
0.5357

■ 54.8566, 0.2863,
0.2498

■ 37.1964, 0.3617,
0.5474

■ 55.8300, 0.2910,
0.2509

■ 36.9217, 0.3597,
0.5526

■ 56.8404, 0.2957,
0.2519

Harmonies

Analogous

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



44.1850, 0.3435, 0.3634



44.1850, 0.3258, 0.3649



44.1850, 0.3050, 0.3559

Triad

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



44.1850, 0.3258, 0.3649



44.1850, 0.2739, 0.3038



44.1850, 0.3389, 0.3188

Complementary

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



44.1850, 0.3258, 0.3649



34.6675, 0.2983, 0.2923

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.



44.1850, 0.3195, 0.3042



44.1850, 0.3258, 0.3649



44.1850, 0.2823, 0.2953

Square

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



44.1850, 0.3258, 0.3649



44.1850, 0.2756, 0.3197



44.1850, 0.2988, 0.2956



44.1850, 0.3513, 0.3363

Rectangle

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



44.1850, 0.3258, 0.3649



44.1850, 0.2923, 0.3452



44.1850, 0.2988, 0.2956



44.1850, 0.3330, 0.3134

Sweetspot

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



44.1869, 0.3258, 0.3649



81.6827, 0.3164, 0.3388



38.6203, 0.3372, 0.3410



17.6129, 0.3171, 0.3406



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.



44.1869, 0.3258, 0.3649



78.4522, 0.3284, 0.3726



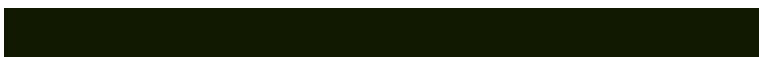
42.8215, 0.3147, 0.3661



9.7563, 0.3212, 0.3519



25.4898, 0.3604, 0.5520



0.8329, 0.3774, 0.5386

Inverse Universe

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



34.6675, 0.2983, 0.2923



58.3677, 0.2950, 0.2843



36.0830, 0.3102, 0.2937



8.3686, 0.3037, 0.3058



3.0577, 0.1777, 0.0753



0.1294, 0.2115, 0.0939

Previews

White Background



This preview shows how the Yxy color 44.1850, 0.3258, 0.3649 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 44.1850, 0.3258, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

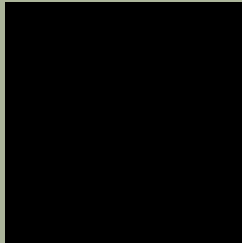
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

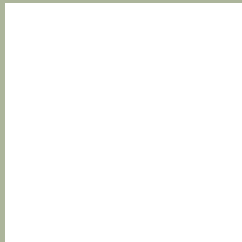
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1850, 0.3258, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 44.1850, 0.3258, 0.3649.



This preview shows how white text looks on a background with the Yxy color 44.1850, 0.3258, 0.3649.

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

44.1850, 0.3258, 0.3649

Protanopia

44.1833, 0.3409, 0.3611

Deuteranopia

44.1167, 0.3539, 0.3469



Tritanopia

44.1155, 0.3024, 0.3106

Trichromacy



Original Color

44.1850, 0.3258, 0.3649

Protanomaly

43.9976, 0.3353, 0.3615

Deuteranomaly

44.1366, 0.3434, 0.3540

Tritanomaly

44.1291, 0.3109, 0.3303

Monochromacy



Original Color

44.1850, 0.3258, 0.3649

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.2701, 0.3174, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1850, 0.3258, 0.3649 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(172, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(172, 181, 155)  
}
```

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(172, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 181, 155) }
```

Border

The CSS property to change the border of an element to Yxy 44.1850, 0.3258, 0.3649 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(172, 181, 155) }
```

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

```
.border{ border-color:rgb(172, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(172, 181,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1850, 0.3258, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 181, 155) }
```

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

```
.background{ background-color: rgb(172,  
181, 155) }
```

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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