

Converting Colors

$Y_{xy}(48.6199, 0.3452, 0.3622)$

Have a look what the booklet for
Yxy(48.6199, 0.3452, 0.3622)
contains.

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Color

Yxy(48.6199, 0.3452, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	C5B89E
RGB	197, 184, 158
RGB Percent	77%, 72%, 62%
CMY	0.2274, 0.2784, 0.3805
CMYK	0.00, 0.07, 0.20, 0.23
HSL	40°, 25%, 70%
HSV	40°, 20%, 77%
XYZ	46.3379, 48.6199, 39.2771
YIQ	184.9230, 16.0940, -5.3300

Conversions

Conversions Part 2

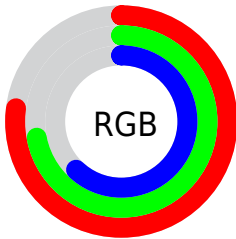
Format	Color
RYB	178, 197, 158
Decimal	12957854
CIELab	75.21, 0.36, 14.89
CIELCh	75, 14.899, 88.625
Yxy	48.6199, 0.3452, 0.3622
Android (android.graphics.Color)	4291147934 (0xFFC5B89E)
YUV	184.9230, -13.2730, 10.5915
Hunter-Lab	69.7280, -3.4013, 15.4120

Details

The Yxy color $48.6199, 0.3452, 0.3622$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.4159, 0.2812, 0.2934$, and the grayscale version is $48.5399, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.1951, 0.3392, 0.3559$, and $23.1338, 0.3539, 0.3705$ is the 20% darker color. If you saturate the color by 10%, you get $45.3331, 0.3639, 0.3797$, and if you desaturate by 10%, it is $52.1464, 0.3280, 0.3451$.

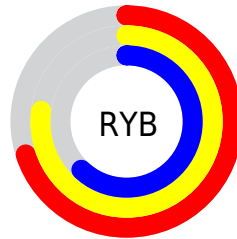
Distribution



Red (77%)

Green (72%)

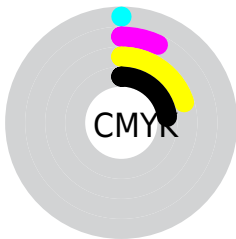
Blue (62%)



Red (70%)

Yellow (77%)

Blue (62%)

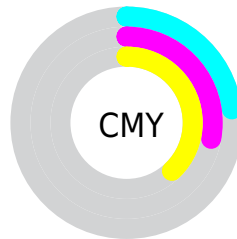


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (28%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6199, 0.3452, 0.3622 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 48.6199, 0.3452, 0.3622 by changing the saturation by 10% instead.


 48.6199, 0.3452,
0.3622


 48.6199, 0.3452,
0.3622


381.2440, 0.3291,
0.3458

 34.3181, 0.3492,
0.3662


 88.1267, 0.3394,
0.3563

 23.1380, 0.3542,
0.3714


 114.1004, 0.3372,
0.3540

 14.6955, 0.3609,
0.3782

144.7335, 0.3353,
0.3521

 8.6059, 0.3701,
0.3875

180.4104, 0.3337,
0.3505

 4.4851, 0.3834,
0.4010

221.5155, 0.3323,
0.3491

 1.9484, 0.4051,
0.4229

268.4332, 0.3311,

 0.5772, 0.4912,

0.3478

0.5088

321.5479, 0.3300,
0.3467

0.0000, 0.0000,
0.0000

48.6199, 0.3452,
0.3622

48.6199, 0.3452,
0.3622

45.3331, 0.3639,
0.3797

52.1464, 0.3280,
0.3451

42.2725, 0.3839,
0.3970

55.9125, 0.3124,
0.3287

39.4331, 0.4047,
0.4134

59.9265, 0.2985,
0.3133

36.8068, 0.4257,
0.4278

64.1944, 0.2860,
0.2990

34.3852, 0.4460,
0.4391

68.6263, 0.2757,
0.2873

■ 32.1586, 0.4645,
0.4463

■ 72.0740, 0.2762,
0.2947

■ 30.1159, 0.4803,
0.4485

■ 75.6579, 0.2768,
0.3019

■ 28.2380, 0.4934,
0.4463

■ 79.3793, 0.2774,
0.3091

■ 28.2045, 0.4936,
0.4463

■ 83.2398, 0.2779,
0.3162

Harmonies

Analogous

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



48.6199, 0.3532, 0.3505



48.6199, 0.3452, 0.3622



48.6199, 0.3285, 0.3651

Triad

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



48.6199, 0.3452, 0.3622



48.6199, 0.2768, 0.3223



48.6199, 0.3165, 0.3027

Complementary

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



48.6199, 0.3452, 0.3622



40.4159, 0.2812, 0.2934

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.



48.6199, 0.2962, 0.2953



48.6199, 0.3452, 0.3622



48.6199, 0.2738, 0.3058

Square

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



48.6199, 0.3452, 0.3622



48.6199, 0.2891, 0.3415



48.6199, 0.2807, 0.2962



48.6199, 0.3364, 0.3166

Rectangle

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



48.6199, 0.3452, 0.3622



48.6199, 0.3149, 0.3612



48.6199, 0.2807, 0.2962



48.6199, 0.3095, 0.2994

Sweetspot

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



48.6221, 0.3452, 0.3622



95.8441, 0.3220, 0.3389



39.2559, 0.3389, 0.3123



20.4198, 0.3231, 0.3400



0.0000, 0.0000, 0.0000



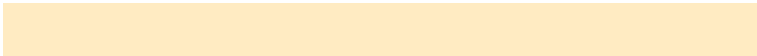
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6221, 0.3452, 0.3622



84.3396, 0.3535, 0.3702



53.4170, 0.3367, 0.3787



11.7985, 0.3273, 0.3444



18.7080, 0.4924, 0.4473



1.0150, 0.4735, 0.4622

Inverse Universe

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



40.4159, 0.2812, 0.2934



66.8523, 0.2734, 0.2841



36.4197, 0.2857, 0.2759



10.8553, 0.2983, 0.3132



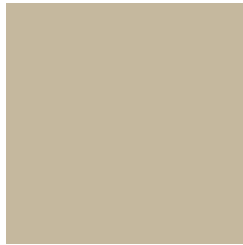
5.3247, 0.1638, 0.1095



0.3859, 0.1758, 0.1528

Previews

White Background



This preview shows how the Yxy color 48.6199, 0.3452, 0.3622 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 48.6199, 0.3452, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

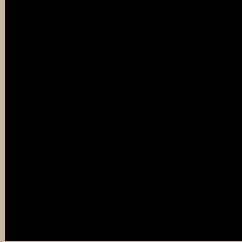
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6199, 0.3452, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 48.6199, 0.3452, 0.3622.



This preview shows how white text looks on a background with the Yxy color 48.6199, 0.3452, 0.3622.

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

48.6199, 0.3452, 0.3622

Protanopia

48.7686, 0.3431, 0.3636

Deuteranopia

48.3410, 0.3595, 0.3523



Tritanopia

48.6470, 0.3213, 0.3119

Trichromacy



Original Color

48.6199, 0.3452, 0.3622

Protanomaly

48.9023, 0.3440, 0.3635

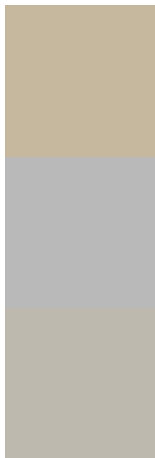
Deuteranomaly

48.4111, 0.3544, 0.3551

Tritanomaly

48.6224, 0.3300, 0.3303

Monochromacy



Original Color

48.6199, 0.3452, 0.3622

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6119, 0.3240, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6199, 0.3452, 0.3622 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(197, 184, 158)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 158)  
}
```

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(197, 184, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 158) }
```

Border

The CSS property to change the border of an element to Yxy 48.6199, 0.3452, 0.3622 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(197, 184, 158) }
```

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

```
.border{ border-color:rgb(197, 184, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 158);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6199, 0.3452, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 158) }
```

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

```
.background{ background-color: rgb(197,  
184, 158) }
```

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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