

Converting Colors

$Yxy(49.0540, 0.3627, 0.3697)$

Have a look what the booklet for
Yxy(49.0540, 0.3627, 0.3697)
contains.

Yxy(49.0357, 0.3633, 0.3699)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.0357, 0.3633, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	D0B695
RGB	208, 182, 149
RGB Percent	82%, 71%, 58%
CMY	0.1844, 0.2862, 0.4156
CMYK	0.00, 0.12, 0.28, 0.18
HSL	34°, 39%, 70%
HSV	34°, 28%, 82%
XYZ	48.1608, 49.0357, 35.3683
YIQ	186.0120, 26.0890, -4.7510

Conversions

Conversions Part 2

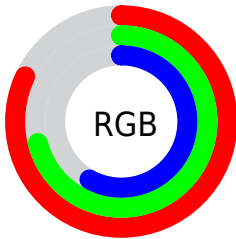
Format	Color
R _Y B	195, 208, 149
Decimal	13678229
CIE Lab	75.47, 4.33, 20.23
CIE LCh	75, 20.689, 77.909
Yxy	49.0357, 0.3633, 0.3699
Android (android.graphics.Color)	4291868309 (0xFFD0B695)
YUV	186.0120, -18.2469, 19.2835
Hunter-Lab	70.0255, 0.2206, 19.0718

Details

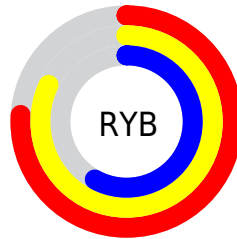
The Yxy color $49.0357, 0.3633, 0.3699$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.5967, 0.2673, 0.2843$, and the grayscale version is $49.2035, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7209, 0.3467, 0.3641$, and $23.3547, 0.3778, 0.3804$ is the 20% darker color. If you saturate the color by 10%, you get $44.8020, 0.3851, 0.3848$, and if you desaturate by 10%, it is $53.6379, 0.3435, 0.3550$.

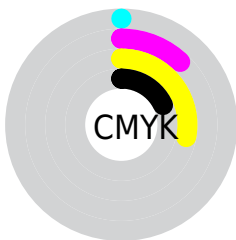
Distribution



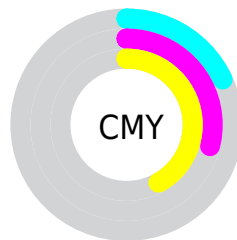
- Red (82%)
- Green (71%)
- Blue (58%)



- Red (76%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (18%)




- Cyan (18%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0357, 0.3633, 0.3699 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 49.0357, 0.3633, 0.3699 by changing the saturation by 10% instead.


 49.0357, 0.3633,
0.3699


 49.0357, 0.3633,
0.3699

382.8828, 0.3382,
0.3500

 34.6478, 0.3695,
0.3747


 88.7445, 0.3542,
0.3628

 23.3917, 0.3773,
0.3807


 114.8341, 0.3508,
0.3601

 14.8830, 0.3876,
0.3884


145.5932, 0.3479,
0.3578

 8.7373, 0.4016,
0.3987

181.4060, 0.3454,
0.3558

 4.5702, 0.4215,
0.4128

222.6570, 0.3433,
0.3541

 1.9974, 0.4601,
0.4405

269.7305, 0.3414,

 0.6060, 0.5294,

0.3525

0.4706

323.0110, 0.3397,
0.3512

0.0000, 0.0000,
0.0000

49.0357, 0.3633,
0.3699

49.0357, 0.3633,
0.3699

44.8020, 0.3851,
0.3848

53.6379, 0.3435,
0.3550

40.9191, 0.4086,
0.3991

58.6121, 0.3259,
0.3405

37.3775, 0.4334,
0.4116

63.9706, 0.3103,
0.3268

34.1647, 0.4583,
0.4213

69.7227, 0.2965,
0.3140

31.2668, 0.4822,
0.4269

75.8775, 0.2844,
0.3022

■ 28.6683, 0.5035,
0.4274

■ 81.1726, 0.2838,
0.3100

■ 26.3483, 0.5214,
0.4228

■ 86.6110, 0.2844,
0.3197

■ 25.9872, 0.5243,
0.4219

■ 92.1460, 0.2849,
0.3289

Harmonies

Analogous

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



49.0357, 0.3693, 0.3502



49.0357, 0.3633, 0.3699



49.0357, 0.3435, 0.3795

Triad

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



49.0357, 0.3633, 0.3699



49.0357, 0.2680, 0.3288



49.0357, 0.3074, 0.2884

Complementary

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



49.0357, 0.3633, 0.3699



41.5967, 0.2673, 0.2843

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.



49.0357, 0.2812, 0.2819



49.0357, 0.3633, 0.3699



49.0357, 0.2593, 0.3037

Square

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



49.0357, 0.3633, 0.3699



49.0357, 0.2885, 0.3555



49.0357, 0.2640, 0.2871



49.0357, 0.3361, 0.3044

Rectangle

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



49.0357, 0.3633, 0.3699



49.0357, 0.3256, 0.3779



49.0357, 0.2640, 0.2871



49.0357, 0.2980, 0.2850

Sweetspot

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



49.0379, 0.3633, 0.3699



92.3297, 0.3272, 0.3416



38.0242, 0.3469, 0.2961



19.5071, 0.3297, 0.3437



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.



49.0379, 0.3633, 0.3699



73.6320, 0.3763, 0.3790



60.2521, 0.3528, 0.3999



12.8899, 0.3277, 0.3420



16.3968, 0.5224, 0.4234



1.0735, 0.4985, 0.4424

Inverse Universe

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



41.5967, 0.2673, 0.2843



59.9513, 0.2570, 0.2730



32.7265, 0.2659, 0.2481



12.2621, 0.2982, 0.3156



7.7508, 0.1721, 0.1397



0.5902, 0.1821, 0.1755

Previews

White Background



This preview shows how the Yxy color 49.0357, 0.3633, 0.3699 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 49.0357, 0.3633, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

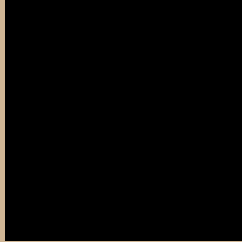
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0357, 0.3633, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 49.0357, 0.3633, 0.3699.



This preview shows how white text looks on a background with the Yxy color 49.0357, 0.3633, 0.3699.

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

49.0357, 0.3633, 0.3699

Protanopia

49.2225, 0.3505, 0.3736

Deuteranopia

49.0411, 0.3709, 0.3642



Tritanopia

48.9145, 0.3338, 0.3124

Trichromacy



Original Color

49.0357, 0.3633, 0.3699

Protanomaly

49.3174, 0.3552, 0.3732

Deuteranomaly

48.9907, 0.3677, 0.3657

Tritanomaly

48.7848, 0.3446, 0.3327

Monochromacy



Original Color

49.0357, 0.3633, 0.3699

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1844, 0.3300, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0357, 0.3633, 0.3699 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(208, 182, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 149)  
}
```

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(208, 182, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 149) }
```

Border

The CSS property to change the border of an element to Yxy 49.0357, 0.3633, 0.3699 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(208, 182, 149) }
```

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

```
.border{ border-color:rgb(208, 182, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0357, 0.3633, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 149) }
```

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

```
.background{ background-color: rgb(208,  
182, 149) }
```

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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