

Converting Colors

$Yxy(48.2596, 0.3670, 0.3556)$

Have a look what the booklet for
Yxy(48.2596, 0.3670, 0.3556)
contains.

Yxy(48.4098, 0.3671, 0.3557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.4098, 0.3671, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	D8B19B
RGB	216, 177, 155
RGB Percent	85%, 69%, 61%
CMY	0.1529, 0.3059, 0.3921
CMYK	0.00, 0.18, 0.28, 0.15
HSL	22°, 44%, 73%
HSV	22°, 28%, 85%
XYZ	49.9613, 48.4098, 37.7262
YIQ	186.1530, 30.3060, 1.4260

Conversions

Conversions Part 2

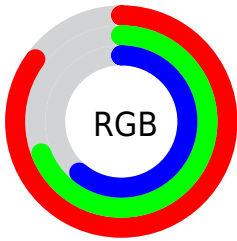
Format	Color
R _Y B	216, 189, 155
Decimal	14201243
CIE Lab	75.08, 10.93, 16.57
CIE LCh	75, 19.845, 56.596
Yxy	48.4098, 0.3671, 0.3557
Android (android.graphics.Color)	4292391323 (0xFFD8B19B)
YUV	186.1530, -15.3584, 26.1758
Hunter-Lab	69.5772, 6.4156, 16.5557

Details

The Yxy color **48.4098, 0.3671, 0.3557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5245, 0.2690, 0.3006**, and the grayscale version is **49.2703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1413, 0.3437, 0.3531**, and **22.8884, 0.3822, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **42.5655, 0.3927, 0.3656**, and if you desaturate by 10%, it is **54.9410, 0.3450, 0.3458**.

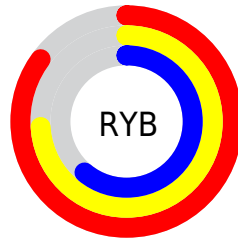
Distribution



Red (85%)

Green (69%)

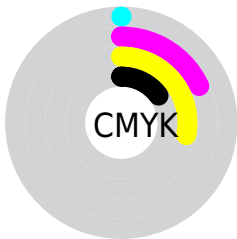
Blue (61%)



Red (85%)

Yellow (74%)

Blue (61%)

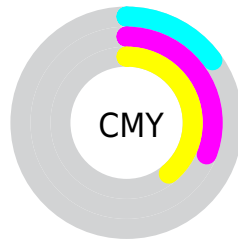


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4098, 0.3671, 0.3557 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 48.4098, 0.3671, 0.3557 by changing the saturation by 10% instead.


 48.4098, 0.3671,
0.3557

 48.4098, 0.3671,
0.3557

380.4142, 0.3399,
0.3430

 34.1515, 0.3739,
0.3587


 87.8142, 0.3572,
0.3512

 23.0100, 0.3825,
0.3623


 113.7292, 0.3535,
0.3495

 14.6009, 0.3940,
0.3669


144.2985, 0.3504,
0.3480

 8.5398, 0.4098,
0.3729

179.9066, 0.3477,
0.3468

 4.4422, 0.4330,
0.3807

220.9378, 0.3453,
0.3456

 1.9239, 0.4724,
0.3929

267.7765, 0.3433,

 0.5627, 0.5875,

0.3447

0.4125

320.8072, 0.3415,
0.3438

0.0000, 0.0000,
0.0000

48.4098, 0.3671,
0.3557

48.4098, 0.3671,
0.3557

42.5655, 0.3927,
0.3656

54.9410, 0.3450,
0.3458

37.3781, 0.4217,
0.3749

62.1745, 0.3261,
0.3364

32.8252, 0.4539,
0.3828

70.1335, 0.3101,
0.3275

28.8802, 0.4879,
0.3881

78.8381, 0.2964,
0.3193

25.5147, 0.5218,
0.3894

87.7802, 0.2891,
0.3198

■ 22.6970, 0.5528,
0.3859

■ 93.3411, 0.2894,
0.3289

■ 20.3891, 0.5782,
0.3774

■ 20.0295, 0.5823,
0.3758

Harmonies

Analogous

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



48.4098, 0.3618, 0.3334



48.4098, 0.3671, 0.3557



48.4098, 0.3571, 0.3724

Triad

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



48.4098, 0.3671, 0.3557



48.4098, 0.2827, 0.3474



48.4098, 0.2890, 0.2843

Complementary

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



48.4098, 0.3671, 0.3557



50.5245, 0.2690, 0.3006

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.



48.4098, 0.2694, 0.2860



48.4098, 0.3671, 0.3557



48.4098, 0.2659, 0.3214

Square

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



48.4098, 0.3671, 0.3557



48.4098, 0.3079, 0.3687



48.4098, 0.2611, 0.2990



48.4098, 0.3157, 0.2934

Rectangle

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



48.4098, 0.3671, 0.3557



48.4098, 0.3435, 0.3775



48.4098, 0.2611, 0.2990



48.4098, 0.2814, 0.2836

Sweetspot

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



48.4120, 0.3671, 0.3557



90.7111, 0.3259, 0.3362



41.9730, 0.3352, 0.2822



19.0586, 0.3285, 0.3376



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.



48.4120, 0.3671, 0.3557



65.1981, 0.3822, 0.3617



61.5279, 0.3578, 0.3895



13.1461, 0.3282, 0.3375



12.0406, 0.5796, 0.3780



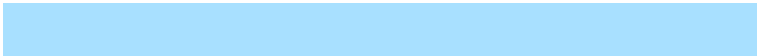
0.8807, 0.5465, 0.4042

Inverse Universe

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



50.5245, 0.2690, 0.3006



68.7556, 0.2597, 0.2935



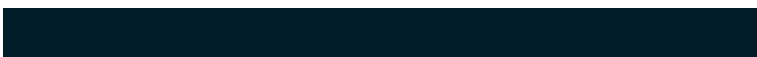
38.5378, 0.2648, 0.2602



13.3199, 0.2982, 0.3204



13.9300, 0.1909, 0.2072



0.9946, 0.1974, 0.2306

Previews

White Background



This preview shows how the Yxy color 48.4098, 0.3671, 0.3557 looks on a white background.

Color Contrast Check

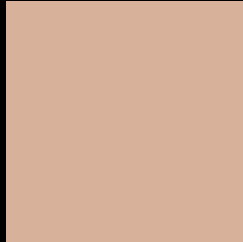
Large Text (above 18pt) WCAG AA × Fail

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 48.4098, 0.3671, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

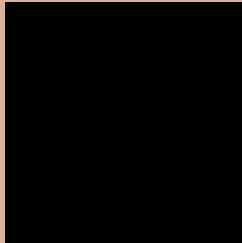
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4098, 0.3671, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 48.4098, 0.3671, 0.3557.



This preview shows how white text looks on a background with the Yxy color 48.4098, 0.3671, 0.3557.

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

48.4098, 0.3671, 0.3557

Protanopia

48.6705, 0.3414, 0.3624

Deuteranopia

48.5035, 0.3649, 0.3571



Tritanopia

48.4924, 0.3431, 0.3138

Trichromacy



Original Color

48.4098, 0.3671, 0.3557

Protanomaly

48.4811, 0.3502, 0.3592

Deuteranomaly

48.6544, 0.3658, 0.3570

Tritanomaly

48.2727, 0.3518, 0.3279

Monochromacy



Original Color

48.4098, 0.3671, 0.3557

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8324, 0.3312, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4098, 0.3671, 0.3557 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(216, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(216, 177, 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(216, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 177, 155) }
```

Border

The CSS property to change the border of an element to Yxy 48.4098, 0.3671, 0.3557 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(216, 177, 155) }
```

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

```
.border{ border-color:rgb(216, 177, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 177, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(216, 177,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4098, 0.3671, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 177, 155) }
```

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

```
.background{ background-color: rgb(216,  
177, 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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