

Converting Colors

Yxy(49.4331, 0.3657, 0.3643)

Have a look what the booklet for
Yxy(49.4331, 0.3657, 0.3643)
contains.

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Color

Yxy(49.4609, 0.3657, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	D5B598
RGB	213, 181, 152
RGB Percent	84%, 71%, 60%
CMY	0.1646, 0.2902, 0.4039
CMYK	0.00, 0.15, 0.29, 0.16
HSL	29°, 42%, 72%
HSV	29°, 29%, 84%
XYZ	49.6374, 49.4609, 36.6342
YIQ	187.2620, 28.3810, -2.2350

Conversions

Conversions Part 2

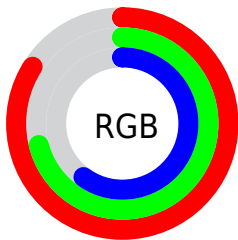
Format	Color
R _Y B	213, 207, 152
Decimal	14005656
CIE Lab	75.74, 7.23, 19.06
CIE LCh	76, 20.389, 69.230
Yxy	49.4609, 0.3657, 0.3644
Android (android.graphics.Color)	4292195736 (0xFFD5B598)
YUV	187.2620, -17.3842, 22.5722
Hunter-Lab	70.3284, 2.9093, 18.3457

Details

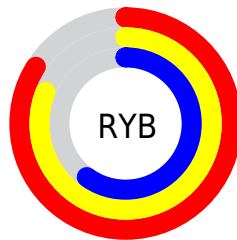
The Yxy color **49.4609, 0.3657, 0.3644** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.7727, 0.2674, 0.2907**, and the grayscale version is **49.9401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2846, 0.3450, 0.3601**, and **23.5460, 0.3798, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **44.4610, 0.3892, 0.3773**, and if you desaturate by 10%, it is **54.9557, 0.3449, 0.3516**.

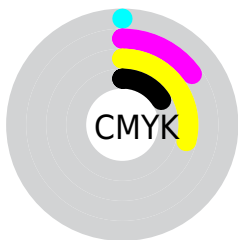
Distribution



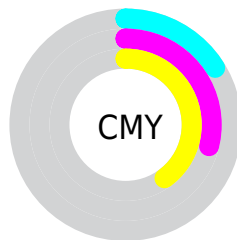
- Red (84%)
- Green (71%)
- Blue (60%)



- Red (84%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4609, 0.3657, 0.3644 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 49.4609, 0.3657, 0.3644 by changing the saturation by 10% instead.


 49.4609, 0.3657,
0.3644

 49.4609, 0.3657,
0.3644


384.5540, 0.3394,
0.3473

 34.9852, 0.3722,
0.3684


 89.3756, 0.3562,
0.3584

 23.6515, 0.3804,
0.3735


 115.5834, 0.3526,
0.3561

 15.0753, 0.3913,
0.3799


146.4708, 0.3496,
0.3541

 8.8723, 0.4062,
0.3883

182.4220, 0.3469,
0.3524

 4.6580, 0.4275,
0.3996

223.8216, 0.3447,
0.3509

 2.0480, 0.4652,
0.4193

271.0538, 0.3427,

 0.6351, 0.5512,

0.3496

0.4488

324.5032, 0.3409,
0.3484

0.0000, 0.0000,
0.0000

49.4609, 0.3657,
0.3644

49.4609, 0.3657,
0.3644

44.4610, 0.3892,
0.3773

54.9557, 0.3449,
0.3516

39.9338, 0.4151,
0.3894

60.9528, 0.3266,
0.3392

35.8654, 0.4430,
0.4000

67.4685, 0.3107,
0.3275

32.2386, 0.4717,
0.4077

74.5158, 0.2969,
0.3166

29.0345, 0.4998,
0.4113

81.8793, 0.2869,
0.3101

■ 26.2321, 0.5252,
0.4097

■ 88.5530, 0.2874,
0.3218

■ 23.8041, 0.5466,
0.4030

■ 92.8902, 0.2877,
0.3289

■ 23.5010, 0.5494,
0.4019

Harmonies

Analogous

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



49.4609, 0.3670, 0.3433



49.4609, 0.3657, 0.3644



49.4609, 0.3497, 0.3772

Triad

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



49.4609, 0.3657, 0.3644



49.4609, 0.2736, 0.3367



49.4609, 0.2994, 0.2861

Complementary

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



49.4609, 0.3657, 0.3644



45.7727, 0.2674, 0.2907

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.



49.4609, 0.2757, 0.2830



49.4609, 0.3657, 0.3644



49.4609, 0.2613, 0.3107

Square

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



49.4609, 0.3657, 0.3644



49.4609, 0.2963, 0.3616



49.4609, 0.2621, 0.2914



49.4609, 0.3278, 0.2994

Rectangle

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



49.4609, 0.3657, 0.3644



49.4609, 0.3333, 0.3786



49.4609, 0.2621, 0.2914



49.4609, 0.2907, 0.2838

Sweetspot

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



49.4632, 0.3657, 0.3644



91.1634, 0.3274, 0.3397



40.0890, 0.3425, 0.2897



19.2200, 0.3299, 0.3415



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.



49.4632, 0.3657, 0.3644



69.9436, 0.3788, 0.3718



63.0019, 0.3563, 0.3980



13.3844, 0.3279, 0.3401



14.5531, 0.5471, 0.4038



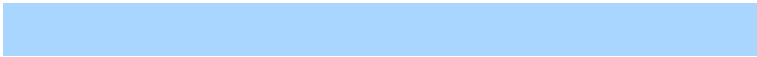
1.0429, 0.5193, 0.4258

Inverse Universe

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



45.7727, 0.2674, 0.2907



63.5712, 0.2582, 0.2817



34.6018, 0.2630, 0.2492



13.0765, 0.2982, 0.3176



10.1909, 0.1798, 0.1671



0.7800, 0.1881, 0.1972

Previews

White Background



This preview shows how the Yxy color 49.4609, 0.3657, 0.3644 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 49.4609, 0.3657, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

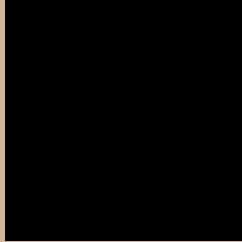
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4609, 0.3657, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 49.4609, 0.3657, 0.3644.



This preview shows how white text looks on a background with the Yxy color 49.4609, 0.3657, 0.3644.

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

49.4609, 0.3657, 0.3644

Protanopia

49.3547, 0.3472, 0.3685

Deuteranopia

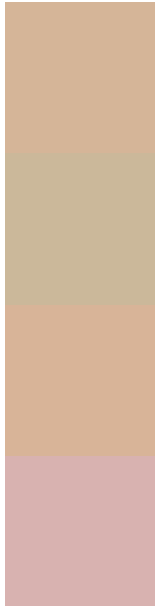
49.6612, 0.3697, 0.3628



Tritanopia

49.4765, 0.3382, 0.3138

Trichromacy



Original Color

49.4609, 0.3657, 0.3644

Protanomaly

49.3106, 0.3539, 0.3666

Deuteranomaly

49.5084, 0.3688, 0.3629

Tritanomaly

49.5743, 0.3482, 0.3315

Monochromacy



Original Color

49.4609, 0.3657, 0.3644

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4897, 0.3309, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4609, 0.3657, 0.3644 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(213, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(213, 181, 152)  
}
```

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(213, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 181, 152) }
```

Border

The CSS property to change the border of an element to Yxy 49.4609, 0.3657, 0.3644 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(213, 181, 152) }
```

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

```
.border{ border-color:rgb(213, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(213, 181,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4609, 0.3657, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 181, 152) }
```

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

```
.background{ background-color: rgb(213,  
181, 152) }
```

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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