

Converting Colors

$Yxy(49.4701, 0.3596, 0.3613)$

Have a look what the booklet for
Yxy(49.4701, 0.3596, 0.3613)
contains.

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Color

Yxy(49.5578, 0.3592, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	D2B69C
RGB	210, 182, 156
RGB Percent	82%, 71%, 61%
CMY	0.1764, 0.2863, 0.3883
CMYK	0.00, 0.13, 0.26, 0.18
HSL	29°, 38%, 72%
HSV	29°, 26%, 82%
XYZ	49.3107, 49.5578, 38.4107
YIQ	187.4080, 25.0340, -2.1500

Conversions

Conversions Part 2

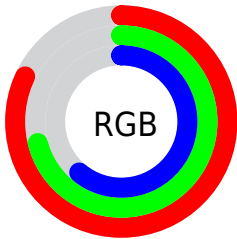
Format	Color
R _Y B	210, 206, 156
Decimal	13809308
CIE Lab	75.80, 6.09, 16.95
CIE LCh	76, 18.013, 70.250
Yxy	49.5578, 0.3592, 0.3610
Android (android.graphics.Color)	4291999388 (0xFFD2B69C)
YUV	187.4080, -15.4841, 19.8132
Hunter-Lab	70.3973, 1.8374, 16.9278

Details

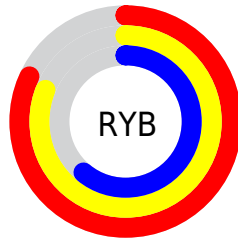
The Yxy color **49.5578, 0.3592, 0.3610** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.0048, 0.2721, 0.2947**, and the grayscale version is **50.0168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1122, 0.3415, 0.3560**, and **23.6890, 0.3721, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **44.6200, 0.3818, 0.3741**, and if you desaturate by 10%, it is **54.9702, 0.3392, 0.3481**.

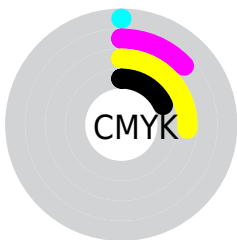
Distribution



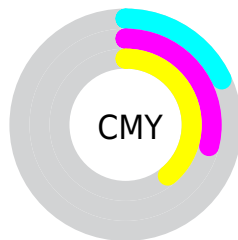
- Red (82%)
- Green (71%)
- Blue (61%)



- Red (82%)
- Yellow (81%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5578, 0.3592, 0.3610 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 49.5578, 0.3592, 0.3610 by changing the saturation by 10% instead.


 49.5578, 0.3592,
0.3610

 49.5578, 0.3592,
0.3610


384.9341, 0.3361,
0.3455

 35.0622, 0.3649,
0.3647


 89.5193, 0.3509,
0.3555

 23.7108, 0.3722,
0.3693


 115.7541, 0.3477,
0.3534

 15.1192, 0.3817,
0.3753


146.6706, 0.3450,
0.3516

 8.9031, 0.3949,
0.3832

182.6533, 0.3427,
0.3500

 4.6780, 0.4139,
0.3942

224.0866, 0.3408,
0.3487

 2.0596, 0.4453,
0.4112

271.3549, 0.3390,

 0.6418, 0.5417,

0.3475

0.4583

324.8426, 0.3375,
0.3464

0.0000, 0.0000,
0.0000

49.5578, 0.3592,
0.3610

49.5578, 0.3592,
0.3610

44.6200, 0.3818,
0.3741

54.9702, 0.3392,
0.3481

40.1357, 0.4068,
0.3867

60.8638, 0.3217,
0.3358

36.0923, 0.4340,
0.3980

67.2538, 0.3065,
0.3241

32.4737, 0.4623,
0.4068

74.1524, 0.2932,
0.3134

29.2625, 0.4904,
0.4119

81.1795, 0.2850,
0.3095

■ 26.4394, 0.5165,
0.4121

■ 87.6600, 0.2856,
0.3210

■ 23.9827, 0.5387,
0.4068

■ 92.4451, 0.2860,
0.3289

■ 23.0332, 0.5475,
0.4035

Harmonies

Analogous

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



49.5578, 0.3608, 0.3426



49.5578, 0.3592, 0.3610



49.5578, 0.3448, 0.3717

Triad

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



49.5578, 0.3592, 0.3610



49.5578, 0.2775, 0.3350



49.5578, 0.3019, 0.2911

Complementary

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



49.5578, 0.3592, 0.3610



46.0048, 0.2721, 0.2947

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.



49.5578, 0.2805, 0.2881



49.5578, 0.3592, 0.3610



49.5578, 0.2670, 0.3123

Square

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



49.5578, 0.3592, 0.3610



49.5578, 0.2975, 0.3570



49.5578, 0.2680, 0.2954



49.5578, 0.3269, 0.3033

Rectangle

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



49.5578, 0.3592, 0.3610



49.5578, 0.3302, 0.3725



49.5578, 0.2680, 0.2954



49.5578, 0.2940, 0.2890

Sweetspot

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



49.5601, 0.3592, 0.3610



92.1899, 0.3256, 0.3386



40.9707, 0.3387, 0.2939



19.4301, 0.3282, 0.3405



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.



49.5601, 0.3592, 0.3610



72.4884, 0.3716, 0.3683



61.3251, 0.3518, 0.3909



12.7339, 0.3279, 0.3402



14.2457, 0.5451, 0.4054



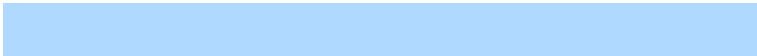
0.9551, 0.5161, 0.4284

Inverse Universe

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



46.0048, 0.2721, 0.2947



66.0415, 0.2630, 0.2860



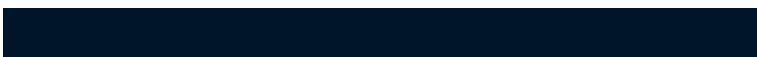
36.1006, 0.2688, 0.2586



12.4173, 0.2983, 0.3175



9.7001, 0.1792, 0.1651



0.7009, 0.1882, 0.1975

Previews

White Background



This preview shows how the Yxy color 49.5578, 0.3592, 0.3610 looks on a white background.

Color Contrast Check

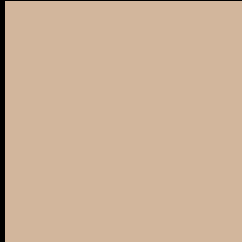
Large Text (above 18pt) WCAG AA × Fail

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 49.5578, 0.3592, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

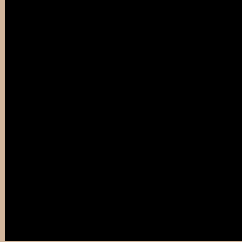
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5578, 0.3592, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 49.5578, 0.3592, 0.3610.



This preview shows how white text looks on a background with the Yxy color 49.5578, 0.3592, 0.3610.

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

49.5578, 0.3592, 0.3610

Protanopia

49.4568, 0.3447, 0.3646

Deuteranopia

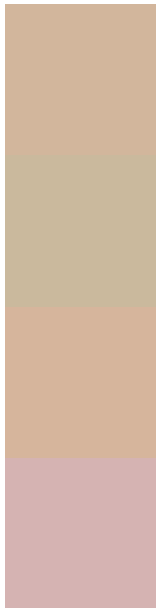
49.6417, 0.3652, 0.3580



Tritanopia

49.5020, 0.3337, 0.3125

Trichromacy



Original Color

49.5578, 0.3592, 0.3610

Protanomaly

49.6888, 0.3502, 0.3642

Deuteranomaly

49.7442, 0.3631, 0.3594

Tritanomaly

49.6007, 0.3436, 0.3303

Monochromacy



Original Color

49.5578, 0.3592, 0.3610

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4346, 0.3284, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5578, 0.3592, 0.3610 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(210, 182, 156)` looks like.

```
.text, #text, p{  
    color:rgb(210, 182, 156)  
}
```

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(210, 182, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 182, 156) }
```

Border

The CSS property to change the border of an element to Yxy 49.5578, 0.3592, 0.3610 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(210, 182, 156) }
```

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

```
.border{ border-color:rgb(210, 182, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 182, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 182, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 182, 156);  
box-shadow:4px 4px 4px 4px rgb(210, 182,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5578, 0.3592, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 182, 156) }
```

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

```
.background{ background-color: rgb(210,  
182, 156) }
```

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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