

Converting Colors

$Yxy(49.8015, 0.3562, 0.3490)$

Have a look what the booklet for
Yxy(49.8015, 0.3562, 0.3490)
contains.

Yxy(49.6190, 0.3564, 0.3485)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.6190, 0.3564, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	D6B4A4
RGB	214, 180, 164
RGB Percent	84%, 71%, 64%
CMY	0.1609, 0.2940, 0.3569
CMYK	0.00, 0.16, 0.23, 0.16
HSL	19°, 38%, 74%
HSV	19°, 23%, 84%
XYZ	50.7438, 49.6190, 42.0160
YIQ	188.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

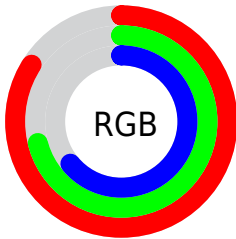
Format	Color
R_{YB}	214, 188, 164
Decimal	14070948
CIE _{Lab}	75.83, 9.78, 12.73
CIE _{LCh}	76, 16.052, 52.467
Yxy	49.6190, 0.3564, 0.3485
Android (android.graphics.Color)	4292261028 (0xFFD6B4A4)
YUV	188.3420, -12.0006, 22.5021
Hunter-Lab	70.4408, 5.3157, 13.9437

Details

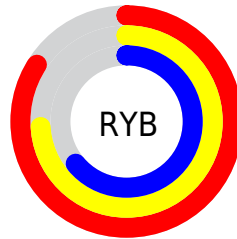
The Yxy color **49.6190, 0.3564, 0.3485** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0963, 0.2768, 0.3086**, and the grayscale version is **50.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3654, 0.3366, 0.3460**, and **23.7195, 0.3696, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **43.3490, 0.3808, 0.3574**, and if you desaturate by 10%, it is **56.6386, 0.3356, 0.3398**.

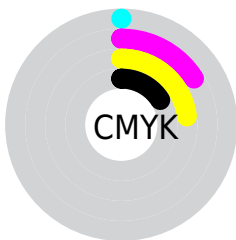
Distribution



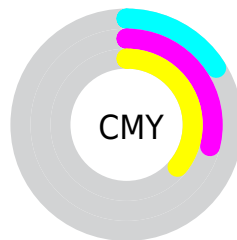
- Red (84%)
- Green (71%)
- Blue (64%)



- Red (84%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6190, 0.3564, 0.3485 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 49.6190, 0.3564, 0.3485 by changing the saturation by 10% instead.


 49.6190, 0.3564,
0.3485


 49.6190, 0.3564,
0.3485


385.1741, 0.3346,
0.3392

 35.1108, 0.3618,
0.3507


 89.6101, 0.3485,
0.3452

 23.7482, 0.3687,
0.3534


 115.8618, 0.3455,
0.3440

 15.1469, 0.3779,
0.3568


146.7967, 0.3430,
0.3429

 8.9226, 0.3905,
0.3613

182.7993, 0.3409,
0.3420

 4.6907, 0.4092,
0.3674

224.2539, 0.3390,
0.3411

 2.0670, 0.4390,
0.3757

271.5450, 0.3374,

 0.6459, 0.5690,

0.3404

0.4310

325.0570, 0.3359,
0.3398

0.0000, 0.0000,
0.0000

49.6190, 0.3564,
0.3485

49.6190, 0.3564,
0.3485

43.3490, 0.3808,
0.3574

56.6386, 0.3356,
0.3398

37.7965, 0.4091,
0.3660

64.4250, 0.3180,
0.3316

32.9368, 0.4411,
0.3737

73.0035, 0.3031,
0.3240

28.7413, 0.4761,
0.3795

82.3962, 0.2906,
0.3170

25.1791, 0.5123,
0.3822

91.5528, 0.2882,
0.3265

■ 22.2165, 0.5469,
0.3805

■ 93.0303, 0.2883,
0.3289

■ 19.8161, 0.5764,
0.3739

■ 18.5053, 0.5926,
0.3677

Harmonies

Analogous

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



49.6190, 0.3505, 0.3302



49.6190, 0.3564, 0.3485



49.6190, 0.3501, 0.3626

Triad

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



49.6190, 0.3564, 0.3485



49.6190, 0.2912, 0.3465



49.6190, 0.2911, 0.2924

Complementary

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



49.6190, 0.3564, 0.3485



53.0963, 0.2768, 0.3086

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.



49.6190, 0.2762, 0.2953



49.6190, 0.3564, 0.3485



49.6190, 0.2763, 0.3260

Square

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



49.6190, 0.3564, 0.3485



49.6190, 0.3121, 0.3622



49.6190, 0.2709, 0.3072



49.6190, 0.3121, 0.2986

Rectangle

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



49.6190, 0.3564, 0.3485



49.6190, 0.3401, 0.3674



49.6190, 0.2709, 0.3072



49.6190, 0.2852, 0.2923

Sweetspot

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



49.6213, 0.3564, 0.3485



91.4116, 0.3242, 0.3346



44.9184, 0.3291, 0.2887



19.4132, 0.3252, 0.3351



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.



49.6213, 0.3564, 0.3485



69.0943, 0.3679, 0.3529



60.5363, 0.3500, 0.3770



13.0649, 0.3283, 0.3365



11.3573, 0.5900, 0.3698



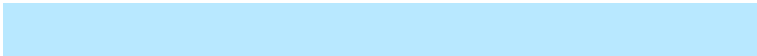
0.8329, 0.5559, 0.3968

Inverse Universe

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



53.0963, 0.2768, 0.3086



75.1229, 0.2693, 0.3037



42.6866, 0.2742, 0.2759



13.4046, 0.2982, 0.3213



15.4302, 0.1948, 0.2213



1.0774, 0.2006, 0.2421

Previews

White Background



This preview shows how the Yxy color 49.6190, 0.3564, 0.3485 looks on a white background.

Color Contrast Check

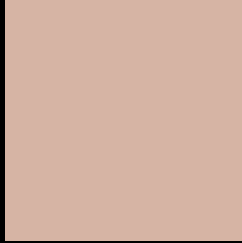
Large Text (above 18pt) WCAG AA × Fail

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 49.6190, 0.3564, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

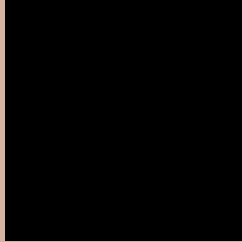
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6190, 0.3564, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 49.6190, 0.3564, 0.3485.



This preview shows how white text looks on a background with the Yxy color 49.6190, 0.3564, 0.3485.

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

49.6190, 0.3564, 0.3485

Protanopia

49.9328, 0.3354, 0.3544

Deuteranopia

49.6190, 0.3564, 0.3485



Tritanopia

49.5201, 0.3373, 0.3126

Trichromacy



Original Color

49.6190, 0.3564, 0.3485

Protanomaly

49.5907, 0.3430, 0.3515

Deuteranomaly

49.6190, 0.3564, 0.3485

Tritanomaly

49.3794, 0.3441, 0.3243

Monochromacy



Original Color

49.6190, 0.3564, 0.3485

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.8229, 0.3277, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6190, 0.3564, 0.3485 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(214, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 164)  
}
```

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(214, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.6190, 0.3564, 0.3485 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(214, 180, 164) }
```

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

```
.border{ border-color:rgb(214, 180, 164) }
```

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

Here you see how a box with a 4 pixel rgb(214, 180, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6190, 0.3564, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 164) }
```

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

```
.background{ background-color: rgb(214,  
180, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor