

Converting Colors

$Yxy(49.6456, 0.3497, 0.3490)$

Have a look what the booklet for
Yxy(49.6456, 0.3497, 0.3490)
contains.

Yxy(49.7644, 0.3497, 0.3487)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.7644, 0.3497, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	D1B6A6
RGB	209, 182, 166
RGB Percent	82%, 71%, 65%
CMY	0.1803, 0.2863, 0.3491
CMYK	0.00, 0.13, 0.21, 0.18
HSL	22°, 32%, 74%
HSV	22°, 21%, 82%
XYZ	49.9071, 49.7644, 43.0426
YIQ	188.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

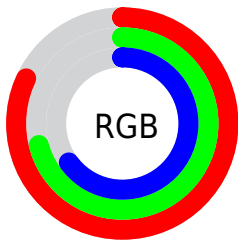
Format	Color
R _Y B	209, 191, 166
Decimal	13743782
CIE Lab	75.92, 7.15, 11.71
CIE LCh	76, 13.719, 58.582
Yxy	49.7644, 0.3497, 0.3487
Android (android.graphics.Color)	4291933862 (0xFFD1B6A6)
YUV	188.2490, -10.9688, 18.1986
Hunter-Lab	70.5439, 2.8302, 13.2047

Details

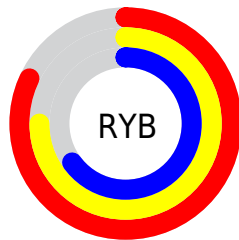
The Yxy color **49.7644, 0.3497, 0.3487** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8477, 0.2809, 0.3084**, and the grayscale version is **50.4942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6295, 0.3350, 0.3459**, and **23.7854, 0.3601, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **43.9359, 0.3723, 0.3589**, and if you desaturate by 10%, it is **56.2256, 0.3302, 0.3388**.

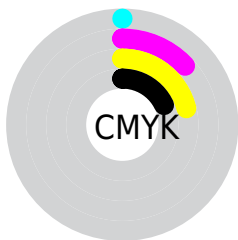
Distribution



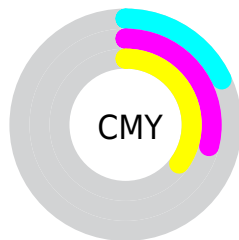
- Red (82%)
- Green (71%)
- Blue (65%)



- Red (82%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7644, 0.3497, 0.3487 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 49.7644, 0.3497, 0.3487 by changing the saturation by 10% instead.

 49.7644, 0.3497,
0.3487


 49.7644, 0.3497,
0.3487


385.7439, 0.3313,
0.3392

 35.2262, 0.3543,
0.3510


 89.8257, 0.3430,
0.3453

 23.8372, 0.3601,
0.3538


 116.1176, 0.3405,
0.3440

 15.2129, 0.3678,
0.3575


147.0963, 0.3384,
0.3429

 8.9689, 0.3785,
0.3624

183.1460, 0.3366,
0.3420

 4.7209, 0.3942,
0.3692

224.6512, 0.3350,
0.3412

 2.0845, 0.4195,
0.3791

271.9964, 0.3336,

 0.6559, 0.5489,

0.3404

0.4511

325.5658, 0.3324,
0.3398

0.0000, 0.0000,
0.0000

49.7644, 0.3497,
0.3487

49.7644, 0.3497,
0.3487

43.9359, 0.3723,
0.3589

56.2256, 0.3302,
0.3388

38.7137, 0.3984,
0.3690

63.3317, 0.3136,
0.3295

34.0791, 0.4278,
0.3784

71.1028, 0.2994,
0.3209

30.0098, 0.4600,
0.3861

79.5563, 0.2874,
0.3129

26.4821, 0.4936,
0.3908

87.6705, 0.2851,
0.3213

■ 23.4702, 0.5265,
0.3914

■ 92.2975, 0.2855,
0.3289

■ 20.9454, 0.5558,
0.3869

■ 18.9788, 0.5788,
0.3786

Harmonies

Analogous

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



49.7644, 0.3467, 0.3335



49.7644, 0.3497, 0.3487



49.7644, 0.3424, 0.3593

Triad

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



49.7644, 0.3497, 0.3487



49.7644, 0.2912, 0.3405



49.7644, 0.2976, 0.2981

Complementary

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



49.7644, 0.3497, 0.3487



50.8477, 0.2809, 0.3084

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.



49.7644, 0.2834, 0.2990



49.7644, 0.3497, 0.3487



49.7644, 0.2798, 0.3230

Square

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



49.7644, 0.3497, 0.3487



49.7644, 0.3084, 0.3550



49.7644, 0.2770, 0.3079



49.7644, 0.3162, 0.3049

Rectangle

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



49.7644, 0.3497, 0.3487



49.7644, 0.3329, 0.3621



49.7644, 0.2770, 0.3079



49.7644, 0.2922, 0.2975

Sweetspot

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



49.7666, 0.3497, 0.3487



93.0778, 0.3224, 0.3346



44.6846, 0.3287, 0.2962



19.7661, 0.3235, 0.3352



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.



49.7666, 0.3497, 0.3487



73.6238, 0.3599, 0.3535



59.1532, 0.3448, 0.3735



12.5188, 0.3281, 0.3377



11.8741, 0.5762, 0.3807



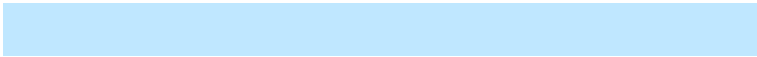
0.8143, 0.5415, 0.4083

Inverse Universe

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



50.8477, 0.2809, 0.3084



75.6314, 0.2736, 0.3031



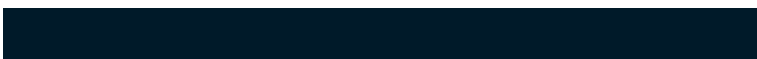
42.1081, 0.2790, 0.2802



12.6365, 0.2983, 0.3201



13.0745, 0.1898, 0.2031



0.8804, 0.1969, 0.2288

Previews

White Background



This preview shows how the Yxy color 49.7644, 0.3497, 0.3487 looks on a white background.

Color Contrast Check

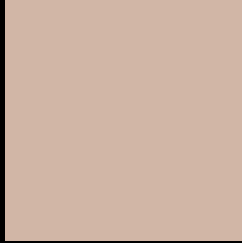
Large Text (above 18pt) WCAG AA × Fail

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 49.7644, 0.3497, 0.3487 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 49.7644, 0.3497, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 49.7644, 0.3497, 0.3487.



This preview shows how white text looks on a background with the Yxy color 49.7644, 0.3497, 0.3487.

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

49.7644, 0.3497, 0.3487

Protanopia

49.9699, 0.3346, 0.3531

Deuteranopia

49.5418, 0.3538, 0.3461



Tritanopia

49.6436, 0.3309, 0.3124

Trichromacy



Original Color

49.7644, 0.3497, 0.3487

Protanomaly

49.7673, 0.3401, 0.3516

Deuteranomaly

49.7980, 0.3526, 0.3473

Tritanomaly

49.5080, 0.3375, 0.3243

Monochromacy



Original Color

49.7644, 0.3497, 0.3487

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1489, 0.3259, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7644, 0.3497, 0.3487 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(209, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(209, 182, 166)  
}
```

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(209, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 182, 166) }
```

Border

The CSS property to change the border of an element to Yxy 49.7644, 0.3497, 0.3487 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(209, 182, 166) }
```

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

```
.border{ border-color:rgb(209, 182, 166) }
```

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

Here you see how a box with a 4 pixel rgb(209, 182, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(209, 182,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7644, 0.3497, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 182, 166) }
```

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

```
.background{ background-color: rgb(209,  
182, 166) }
```

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