

Converting Colors

$Yxy(48.8337, 0.3520, 0.3484)$

Have a look what the booklet for
Yxy(48.8337, 0.3520, 0.3484)
contains.

Yxy(48.8782, 0.3519, 0.3488)	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(48.8782, 0.3519, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	D1B4A4
RGB	209, 180, 164
RGB Percent	82%, 71%, 64%
CMY	0.1804, 0.2941, 0.3570
CMYK	0.00, 0.14, 0.22, 0.18
HSL	21°, 33%, 73%
HSV	21°, 22%, 82%
XYZ	49.3126, 48.8782, 41.9416
YIQ	186.8470, 22.4200, 1.1720

Conversions

Conversions Part 2

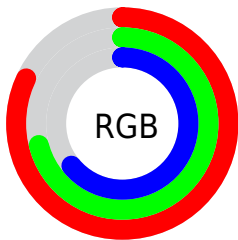
Format	Color
R_{YB}	209, 189, 164
Decimal	13743268
CIE _{Lab}	75.38, 7.91, 12.02
CIE _{LCh}	75, 14.391, 56.662
Yxy	48.8782, 0.3519, 0.3488
Android (android.graphics.Color)	4291933348 (0xFFD1B4A4)
YUV	186.8470, -11.2636, 19.4282
Hunter-Lab	69.9129, 3.5561, 13.3703

Details

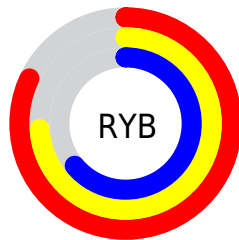
The Yxy color **48.8782, 0.3519, 0.3488** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6101, 0.2794, 0.3083**, and the grayscale version is **49.6582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3654, 0.3366, 0.3460**, and **23.2186, 0.3633, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **43.0154, 0.3751, 0.3586**, and if you desaturate by 10%, it is **55.3967, 0.3320, 0.3393**.

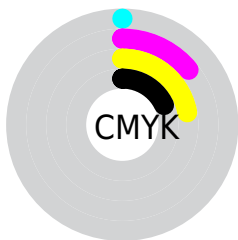
Distribution



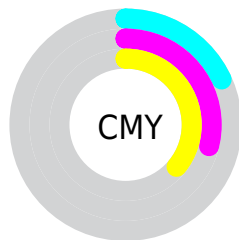
- Red (82%)
- Green (71%)
- Blue (64%)



- Red (82%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8782, 0.3519, 0.3488 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 48.8782, 0.3519, 0.3488 by changing the saturation by 10% instead.


 48.8782, 0.3519,
0.3488

 48.8782, 0.3519,
0.3488


382.2626, 0.3323,
0.3393

 34.5229, 0.3568,
0.3511


 88.5105, 0.3448,
0.3454

 23.2956, 0.3630,
0.3539


 114.5563, 0.3421,
0.3441

 14.8119, 0.3713,
0.3576


145.2677, 0.3399,
0.3430

 8.6875, 0.3828,
0.3625

181.0291, 0.3379,
0.3421

 4.5379, 0.3997,
0.3692

222.2249, 0.3363,
0.3412

 1.9788, 0.4271,
0.3789

269.2395, 0.3348,

 0.5951, 0.5604,

0.3405

0.4396

322.4573, 0.3335,
0.3398

0.0000, 0.0000,
0.0000

48.8782, 0.3519,
0.3488

48.8782, 0.3519,
0.3488

43.0154, 0.3751,
0.3586

55.3967, 0.3320,
0.3393

37.7807, 0.4018,
0.3683

62.5843, 0.3151,
0.3303

33.1541, 0.4320,
0.3771

70.4622, 0.3007,
0.3220

29.1120, 0.4651,
0.3842

79.0487, 0.2885,
0.3143

25.6290, 0.4995,
0.3883

87.4636, 0.2850,
0.3209

■ 22.6776, 0.5329,
0.3881

■ 92.2943, 0.2855,
0.3289

■ 20.2273, 0.5624,
0.3828

■ 18.5143, 0.5831,
0.3752

Harmonies

Analogous

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



48.8782, 0.3481, 0.3326



48.8782, 0.3519, 0.3488



48.8782, 0.3448, 0.3605

Triad

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



48.8782, 0.3519, 0.3488



48.8782, 0.2910, 0.3423



48.8782, 0.2956, 0.2962

Complementary

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



48.8782, 0.3519, 0.3488



50.6101, 0.2794, 0.3083

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.



48.8782, 0.2811, 0.2977



48.8782, 0.3519, 0.3488



48.8782, 0.2786, 0.3238

Square

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



48.8782, 0.3519, 0.3488



48.8782, 0.3094, 0.3573



48.8782, 0.2750, 0.3075



48.8782, 0.3151, 0.3029

Rectangle

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



48.8782, 0.3519, 0.3488



48.8782, 0.3351, 0.3639



48.8782, 0.2750, 0.3075



48.8782, 0.2900, 0.2958

Sweetspot

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



48.8804, 0.3519, 0.3488



92.9300, 0.3224, 0.3343



43.9545, 0.3289, 0.2937



19.7312, 0.3235, 0.3349



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.



48.8804, 0.3519, 0.3488



72.1699, 0.3625, 0.3534



58.5868, 0.3465, 0.3748



12.4877, 0.3282, 0.3373



11.5861, 0.5805, 0.3773



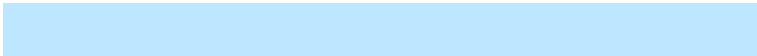
0.7960, 0.5452, 0.4053

Inverse Universe

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



50.6101, 0.2794, 0.3083



75.3633, 0.2721, 0.3032



41.5131, 0.2774, 0.2786



12.6688, 0.2983, 0.3205



13.6338, 0.1913, 0.2088



0.9092, 0.1982, 0.2334

Previews

White Background



This preview shows how the Yxy color 48.8782, 0.3519, 0.3488 looks on a white background.

Color Contrast Check

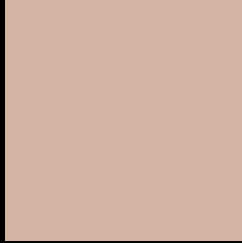
Large Text (above 18pt) WCAG AA × Fail

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 48.8782, 0.3519, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

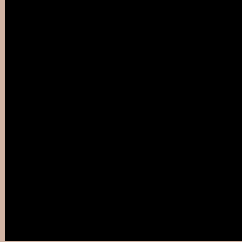
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8782, 0.3519, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 48.8782, 0.3519, 0.3488.



This preview shows how white text looks on a background with the Yxy color 48.8782, 0.3519, 0.3488.

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

48.8782, 0.3519, 0.3488

Protanopia

48.9573, 0.3348, 0.3520

Deuteranopia

48.9176, 0.3549, 0.3474



Tritanopia

48.7654, 0.3329, 0.3123

Trichromacy



Original Color

48.8782, 0.3519, 0.3488

Protanomaly

48.7623, 0.3405, 0.3505

Deuteranomaly

48.7694, 0.3540, 0.3474

Tritanomaly

48.6294, 0.3396, 0.3243

Monochromacy



Original Color

48.8782, 0.3519, 0.3488

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1378, 0.3261, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8782, 0.3519, 0.3488 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, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 180, 164) }
```

Border

The CSS property to change the border of an element to Yxy 48.8782, 0.3519, 0.3488 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, 180, 164) }
```

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

```
.border{ border-color:rgb(209, 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(209, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(209, 180,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8782, 0.3519, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 180, 164) }
```

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

```
.background{ background-color: rgb(209,  
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