

Converting Colors

$Yxy(47.7833, 0.3719, 0.3558)$

Have a look what the booklet for
Yxy(47.7833, 0.3719, 0.3558)
contains.

Yxy(47.8653, 0.3714, 0.3556)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.8653, 0.3714, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	DAAF99
RGB	218, 175, 153
RGB Percent	85%, 69%, 60%
CMY	0.1451, 0.3137, 0.3999
CMYK	0.00, 0.20, 0.30, 0.15
HSL	20°, 47%, 73%
HSV	20°, 30%, 85%
XYZ	49.9920, 47.8653, 36.7470
YIQ	185.3490, 32.6900, 2.2740

Conversions

Conversions Part 2

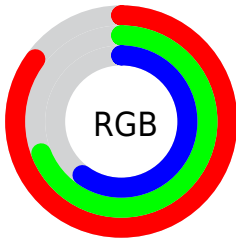
Format	Color
R _Y B	218, 186, 153
Decimal	14331801
CIE Lab	74.74, 12.49, 17.20
CIE LCh	75, 21.255, 54.026
Yxy	47.8653, 0.3714, 0.3556
Android (android.graphics.Color)	4292521881 (0xFFDAAF99)
YUV	185.3490, -15.9481, 28.6349
Hunter-Lab	69.1848, 7.9086, 16.9379

Details

The Yxy color $47.8653, 0.3714, 0.3556$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $51.3142, 0.2668, 0.3007$, and the grayscale version is $48.7985, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.9168, 0.3454, 0.3532$, and $22.5598, 0.3884, 0.3612$ is the 20% darker color. If you saturate the color by 10%, you get $41.8944, 0.3980, 0.3649$, and if you desaturate by 10%, it is $54.5718, 0.3485, 0.3463$.

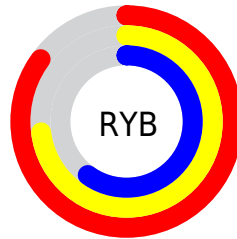
Distribution



Red (85%)

Green (69%)

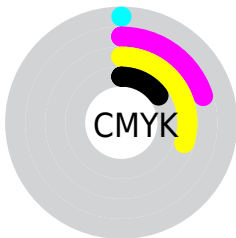
Blue (60%)



Red (85%)

Yellow (73%)

Blue (60%)

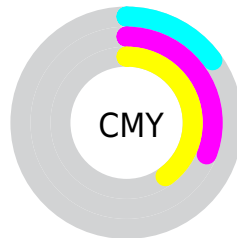


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8653, 0.3714, 0.3556 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 47.8653, 0.3714, 0.3556 by changing the saturation by 10% instead.


 47.8653, 0.3714,
0.3556


 47.8653, 0.3714,
0.3556


378.2580, 0.3420,
0.3430

 33.7202, 0.3787,
0.3585


 87.0038, 0.3607,
0.3512

 22.6788, 0.3881,
0.3620


 112.7660, 0.3567,
0.3495

 14.3565, 0.4006,
0.3665


143.1695, 0.3533,
0.3480

 8.3690, 0.4178,
0.3721

178.5984, 0.3504,
0.3468

 4.3320, 0.4430,
0.3793

219.4374, 0.3479,
0.3457

 1.8609, 0.4876,
0.3916

266.0707, 0.3456,

 0.5247, 0.6050,

0.3447

0.3950

318.8828, 0.3437,
0.3438

0.0000, 0.0000,
0.0000

47.8653, 0.3714,
0.3556

47.8653, 0.3714,
0.3556

41.8944, 0.3980,
0.3649

54.5718, 0.3485,
0.3463

36.6264, 0.4283,
0.3735

62.0316, 0.3290,
0.3373

32.0361, 0.4617,
0.3805

70.2704, 0.3124,
0.3288

28.0939, 0.4970,
0.3848

79.3105, 0.2984,
0.3210

24.7677, 0.5317,
0.3850

88.7134, 0.2903,
0.3209

■ 22.0221, 0.5627,
0.3803

■ 93.6440, 0.2906,
0.3289

■ 19.8111, 0.5878,
0.3713

■ 19.7730, 0.5883,
0.3711

Harmonies

Analogous

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



47.8653, 0.3643, 0.3314



47.8653, 0.3714, 0.3556



47.8653, 0.3619, 0.3744

Triad

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



47.8653, 0.3714, 0.3556



47.8653, 0.2825, 0.3511



47.8653, 0.2850, 0.2808

Complementary

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



47.8653, 0.3714, 0.3556



51.3142, 0.2668, 0.3007

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.



47.8653, 0.2649, 0.2835



47.8653, 0.3714, 0.3556



47.8653, 0.2636, 0.3230

Square

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



47.8653, 0.3714, 0.3556



47.8653, 0.3100, 0.3733



47.8653, 0.2573, 0.2984



47.8653, 0.3133, 0.2897

Rectangle

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



47.8653, 0.3714, 0.3556



47.8653, 0.3478, 0.3808



47.8653, 0.2573, 0.2984



47.8653, 0.2771, 0.2803

Sweetspot

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



47.8675, 0.3714, 0.3556



89.3022, 0.3277, 0.3367



41.6921, 0.3358, 0.2783



18.7628, 0.3303, 0.3379



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.



47.8675, 0.3714, 0.3556



62.6164, 0.3883, 0.3617



61.9085, 0.3608, 0.3918



13.7683, 0.3283, 0.3370



12.0263, 0.5856, 0.3732



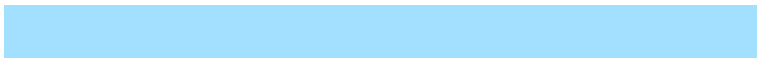
0.9355, 0.5539, 0.3984

Inverse Universe

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



51.3142, 0.2668, 0.3007



68.3001, 0.2570, 0.2934



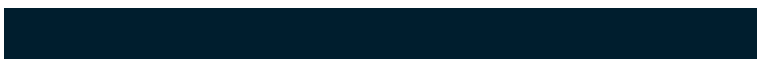
38.3305, 0.2620, 0.2572



14.0485, 0.2982, 0.3209



15.2276, 0.1930, 0.2149



1.1435, 0.1988, 0.2357

Previews

White Background



This preview shows how the Yxy color 47.8653, 0.3714, 0.3556 looks on a white background.

Color Contrast Check

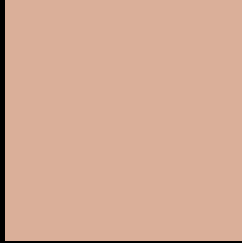
Large Text (above 18pt) WCAG AA × Fail

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 47.8653, 0.3714, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

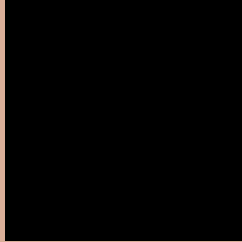
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8653, 0.3714, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 47.8653, 0.3714, 0.3556.



This preview shows how white text looks on a background with the Yxy color 47.8653, 0.3714, 0.3556.

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

47.8653, 0.3714, 0.3556

Protanopia

48.1846, 0.3433, 0.3638

Deuteranopia

47.8903, 0.3661, 0.3584



Tritanopia

47.9587, 0.3471, 0.3139

Trichromacy



Original Color

47.8653, 0.3714, 0.3556

Protanomaly

48.1446, 0.3531, 0.3605

Deuteranomaly

47.7976, 0.3683, 0.3571

Tritanomaly

47.7378, 0.3559, 0.3279

Monochromacy



Original Color

47.8653, 0.3714, 0.3556

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9352, 0.3332, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8653, 0.3714, 0.3556 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(218, 175, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 175, 153)  
}
```

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(218, 175, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 175, 153) }
```

Border

The CSS property to change the border of an element to Yxy 47.8653, 0.3714, 0.3556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

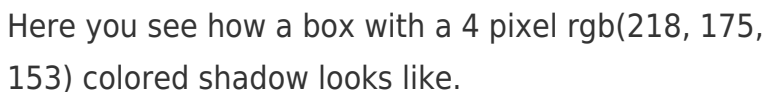
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 175, 153) }
```

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

```
.border{ border-color:rgb(218, 175, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 175, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 175, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 175, 153); box-shadow:4px 4px 4px 4px rgb(218, 175, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8653, 0.3714, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 175, 153) }
```

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

```
.background{ background-color: rgb(218,  
175, 153) }
```

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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