

Converting Colors

$Y_{xy}(42.2354, 0.3683, 0.3325)$

Have a look what the booklet for
Yxy(42.2354, 0.3683, 0.3325)
contains.

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Color

Yxy(42.4054, 0.3684, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	D7A19E
RGB	215, 161, 158
RGB Percent	84%, 63%, 62%
CMY	0.1569, 0.3686, 0.3803
CMYK	0.00, 0.25, 0.26, 0.16
HSL	3°, 42%, 73%
HSV	3°, 26%, 84%
XYZ	46.9416, 42.4054, 38.0731
YIQ	176.8040, 33.1470, 10.5150

Conversions

Conversions Part 2

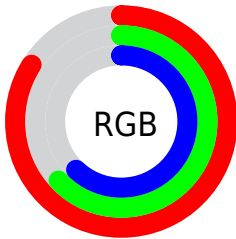
Format	Color
R _Y B	215, 161, 158
Decimal	14131614
CIE Lab	71.15, 19.58, 9.36
CIE LCh	71, 21.700, 25.541
Yxy	42.4054, 0.3684, 0.3328
Android (android.graphics.Color)	4292321694 (0xFFD7A19E)
YUV	176.8040, -9.2704, 33.4979
Hunter-Lab	65.1194, 14.7133, 10.9188

Details

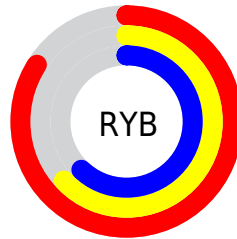
The Yxy color **42.4054, 0.3684, 0.3328** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.2765, 0.2738, 0.3252**, and the grayscale version is **43.8966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1758, 0.3438, 0.3321**, and **19.3697, 0.3849, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **35.1789, 0.3989, 0.3343**, and if you desaturate by 10%, it is **50.9260, 0.3436, 0.3313**.

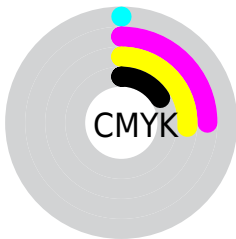
Distribution



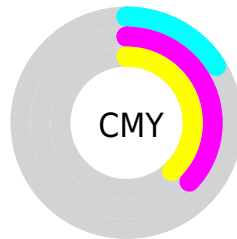
- Red (84%)
- Green (63%)
- Blue (62%)



- Red (84%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (16%)




- Cyan (16%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4054, 0.3684, 0.3328 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 42.4054, 0.3684, 0.3328 by changing the saturation by 10% instead.


 42.4054, 0.3684,
0.3328

 42.4054, 0.3684,
0.3328


356.1607, 0.3399,
0.3314

 29.4189, 0.3757,
0.3330


 78.8128, 0.3579,
0.3324

 19.3979, 0.3853,
0.3331


 103.0025, 0.3540,
0.3322

 11.9582, 0.3982,
0.3330


131.6953, 0.3507,
0.3321

 6.7152, 0.4165,
0.3326

165.2757, 0.3479,
0.3319

 3.2846, 0.4446,
0.3310

204.1280, 0.3455,
0.3318

 1.2821, 0.4957,
0.3279

248.6367, 0.3434,

 0.1273, 0.8248,

0.3317

0.1752

299.1862, 0.3415,
0.3315

0.0000, 0.0000,
0.0000

42.4054, 0.3684,
0.3328

42.4054, 0.3684,
0.3328

35.1789, 0.3989,
0.3343

50.9260, 0.3436,
0.3313

29.1778, 0.4357,
0.3357

60.7934, 0.3236,
0.3299

24.3358, 0.4784,
0.3368

72.0645, 0.3075,
0.3286

20.5780, 0.5248,
0.3372

84.7914, 0.2944,
0.3274

17.8210, 0.5702,
0.3367

93.1862, 0.2889,
0.3289

■ 15.9690, 0.6078,
0.3351

■ 14.9071, 0.6314,
0.3328

■ 14.6905, 0.6369,
0.3325

Harmonies

Analogous

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



42.4054, 0.3459, 0.3077



42.4054, 0.3684, 0.3328



42.4054, 0.3750, 0.3583

Triad

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



42.4054, 0.3684, 0.3328



42.4054, 0.3082, 0.3754



42.4054, 0.2628, 0.2803

Complementary

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



42.4054, 0.3684, 0.3328



59.2765, 0.2738, 0.3252

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.



42.4054, 0.2541, 0.2953



42.4054, 0.3684, 0.3328



42.4054, 0.2793, 0.3511

Square

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



42.4054, 0.3684, 0.3328



42.4054, 0.3393, 0.3850



42.4054, 0.2599, 0.3211



42.4054, 0.2846, 0.2781

Rectangle

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



42.4054, 0.3684, 0.3328



42.4054, 0.3695, 0.3724



42.4054, 0.2599, 0.3211



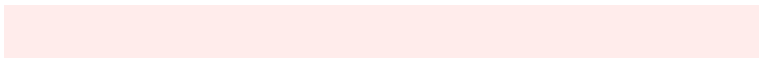
42.4054, 0.2583, 0.2839

Sweetspot

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



42.4074, 0.3684, 0.3328



87.0328, 0.3265, 0.3301



43.6720, 0.3182, 0.2665



18.1390, 0.3293, 0.3303



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.



42.4074, 0.3684, 0.3328



55.9972, 0.3854, 0.3337



53.4669, 0.3598, 0.3666



12.5237, 0.3290, 0.3303



8.8346, 0.6359, 0.3333



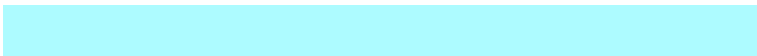
0.5703, 0.6233, 0.3433

Inverse Universe

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



59.2765, 0.2738, 0.3252



84.9836, 0.2663, 0.3242



46.3206, 0.2703, 0.2882



13.9916, 0.2983, 0.3277



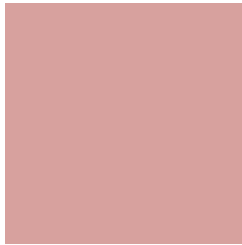
28.7528, 0.2202, 0.3128



1.7690, 0.2210, 0.3157

Previews

White Background



This preview shows how the Yxy color 42.4054, 0.3684, 0.3328 looks on a white background.

Color Contrast Check

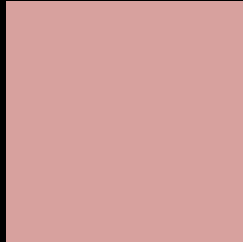
Large Text (above 18pt) WCAG AA × Fail

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 42.4054, 0.3684, 0.3328 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 42.4054, 0.3684, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 42.4054, 0.3684, 0.3328.



This preview shows how white text looks on a background with the Yxy color 42.4054, 0.3684, 0.3328.

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

42.4054, 0.3684, 0.3328

Protanopia

42.6920, 0.3257, 0.3412

Deuteranopia

42.4454, 0.3509, 0.3433



Tritanopia

42.3355, 0.3572, 0.3146

Trichromacy



Original Color

42.4054, 0.3684, 0.3328

Protanomaly

42.3220, 0.3413, 0.3382

Deuteranomaly

42.1820, 0.3575, 0.3393

Tritanomaly

42.4937, 0.3618, 0.3219

Monochromacy



Original Color

42.4054, 0.3684, 0.3328

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1045, 0.3319, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4054, 0.3684, 0.3328 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(215, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(215, 161, 158)  
}
```

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(215, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 161, 158) }
```

Border

The CSS property to change the border of an element to Yxy 42.4054, 0.3684, 0.3328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

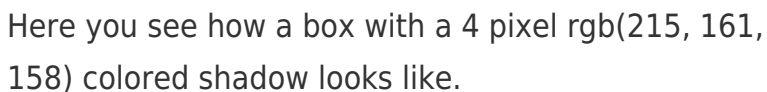
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 161, 158) }
```

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

```
.border{ border-color:rgb(215, 161, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 161, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 161, 158);  
box-shadow:4px 4px 4px 4px rgb(215, 161,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4054, 0.3684, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 161, 158) }
```

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

```
.background{ background-color: rgb(215,  
161, 158) }
```

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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