

Converting Colors

$Yxy(47.5896, 0.3553, 0.3401)$

Have a look what the booklet for
Yxy(47.5896, 0.3553, 0.3401)
contains.

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Color

Yxy(47.5593, 0.3550, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	D5AFA6
RGB	213, 175, 166
RGB Percent	84%, 69%, 65%
CMY	0.1649, 0.3136, 0.3490
CMYK	0.00, 0.18, 0.22, 0.16
HSL	12°, 36%, 74%
HSV	12°, 22%, 84%
XYZ	49.6429, 47.5593, 42.6370
YIQ	185.3360, 25.5370, 5.2570

Conversions

Conversions Part 2

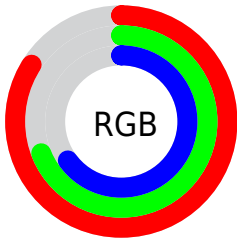
Format	Color
R _Y B	213, 177, 166
Decimal	14004134
CIE Lab	74.55, 12.38, 9.79
CIE LCh	75, 15.785, 38.348
Yxy	47.5593, 0.3550, 0.3401
Android (android.graphics.Color)	4292194214 (0xFFD5AFA6)
YUV	185.3360, -9.5326, 24.2613
Hunter-Lab	68.9633, 7.8068, 11.6179

Details

The Yxy color **47.5593, 0.3550, 0.3401** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.0581, 0.2793, 0.3176**, and the grayscale version is **48.7550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6323, 0.3359, 0.3390**, and **22.4031, 0.3680, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **40.5677, 0.3808, 0.3455**, and if you desaturate by 10%, it is **55.5376, 0.3336, 0.3349**.

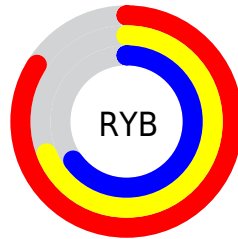
Distribution



Red (84%)

Green (69%)

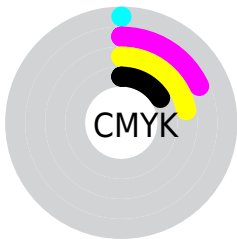
Blue (65%)



Red (84%)

Yellow (69%)

Blue (65%)

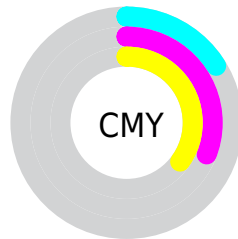


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (16%)



Cyan (16%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5593, 0.3550, 0.3401 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 47.5593, 0.3550, 0.3401 by changing the saturation by 10% instead.

 47.5593, 0.3550,
0.3401

 47.5593, 0.3550,
0.3401


377.0426, 0.3338,
0.3349

 33.4780, 0.3603,
0.3413

 86.5479, 0.3473,
0.3383

 22.4929, 0.3672,
0.3427


 112.2240, 0.3444,
0.3376

 14.2195, 0.3763,
0.3445


142.5338, 0.3419,
0.3370

 8.2735, 0.3891,
0.3468

177.8617, 0.3398,
0.3365

 4.2705, 0.4082,
0.3497

218.5922, 0.3380,
0.3360

 1.8260, 0.4395,
0.3531

265.1096, 0.3364,

 0.5033, 0.6080,

0.3356

0.3920

317.7983, 0.3350,
0.3352

0.0000, 0.0000,
0.0000

47.5593, 0.3550,
0.3401

47.5593, 0.3550,
0.3401

40.5677, 0.3808,
0.3455

55.5376, 0.3336,
0.3349

34.5179, 0.4115,
0.3507

64.5323, 0.3159,
0.3300

29.3714, 0.4472,
0.3553

74.5798, 0.3013,
0.3254

25.0841, 0.4872,
0.3586

85.7129, 0.2893,
0.3213

21.6084, 0.5290,
0.3594

92.8791, 0.2877,
0.3289

■ 18.8919, 0.5688,
0.3572

■ 16.8756, 0.6014,
0.3515

■ 15.7212, 0.6204,
0.3456

Harmonies

Analogous

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



47.5593, 0.3437, 0.3215



47.5593, 0.3550, 0.3401



47.5593, 0.3544, 0.3567

Triad

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



47.5593, 0.3550, 0.3401



47.5593, 0.3006, 0.3548



47.5593, 0.2831, 0.2927

Complementary

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



47.5593, 0.3550, 0.3401



56.0581, 0.2793, 0.3176

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.



47.5593, 0.2725, 0.2999



47.5593, 0.3550, 0.3401



47.5593, 0.2823, 0.3358

Square

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



47.5593, 0.3550, 0.3401



47.5593, 0.3225, 0.3662



47.5593, 0.2722, 0.3155



47.5593, 0.3018, 0.2947

Rectangle

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



47.5593, 0.3550, 0.3401



47.5593, 0.3475, 0.3643



47.5593, 0.2722, 0.3155



47.5593, 0.2785, 0.2941

Sweetspot

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



47.5615, 0.3550, 0.3401



90.0466, 0.3244, 0.3324



45.7861, 0.3225, 0.2840



19.0978, 0.3255, 0.3327



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.



47.5615, 0.3550, 0.3401



66.9034, 0.3653, 0.3424



57.3184, 0.3493, 0.3672



12.8034, 0.3286, 0.3336



9.7205, 0.6182, 0.3473



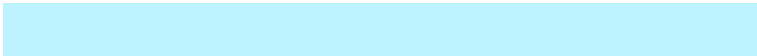
0.7021, 0.5856, 0.3733

Inverse Universe

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



56.0581, 0.2793, 0.3176



81.6551, 0.2732, 0.3152



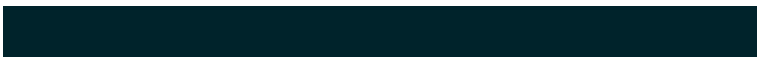
45.9013, 0.2771, 0.2876



13.6831, 0.2983, 0.3244



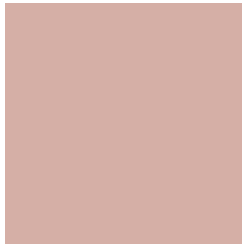
21.1116, 0.2074, 0.2666



1.3799, 0.2107, 0.2785

Previews

White Background



This preview shows how the Yxy color 47.5593, 0.3550, 0.3401 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 47.5593, 0.3550, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

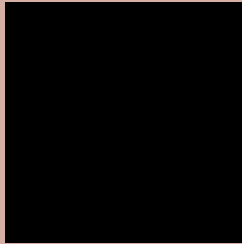
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5593, 0.3550, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 47.5593, 0.3550, 0.3401.



This preview shows how white text looks on a background with the Yxy color 47.5593, 0.3550, 0.3401.

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

47.5593, 0.3550, 0.3401

Protanopia

47.7164, 0.3292, 0.3458

Deuteranopia

47.6074, 0.3499, 0.3427



Tritanopia

47.4549, 0.3405, 0.3136

Trichromacy



Original Color

47.5593, 0.3550, 0.3401

Protanomaly

47.5129, 0.3376, 0.3430

Deuteranomaly

47.5055, 0.3520, 0.3414

Tritanomaly

47.3976, 0.3457, 0.3231

Monochromacy



Original Color

47.5593, 0.3550, 0.3401

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8642, 0.3273, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5593, 0.3550, 0.3401 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(213, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(213, 175, 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(213, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 47.5593, 0.3550, 0.3401 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(213, 175, 166) }
```

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

```
.border{ border-color:rgb(213, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(213, 175,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5593, 0.3550, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 175, 166) }
```

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

```
.background{ background-color: rgb(213,  
175, 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](#).

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