

Converting Colors

$Y_{xy}(45.0401, 0.3590, 0.3340)$

Have a look what the booklet for
Yxy(45.0401, 0.3590, 0.3340)
contains.

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Color

Yxy(44.9817, 0.3597, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	D6A8A4
RGB	214, 168, 164
RGB Percent	84%, 66%, 64%
CMY	0.1606, 0.3412, 0.3569
CMYK	0.00, 0.22, 0.23, 0.16
HSL	5°, 38%, 74%
HSV	5°, 23%, 84%
XYZ	48.4429, 44.9817, 41.2512
YIQ	181.2980, 28.7000, 8.5080

Conversions

Conversions Part 2

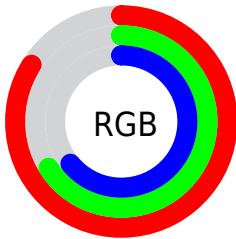
Format	Color
R_{YB}	214, 168, 164
Decimal	14067876
CIE _{Lab}	72.88, 16.29, 8.52
CIE _{LCh}	73, 18.385, 27.619
Yxy	44.9817, 0.3597, 0.3340
Android (android.graphics.Color)	4292257956 (0xFFD6A8A4)
YUV	181.2980, -8.5279, 28.6797
Hunter-Lab	67.0684, 11.5592, 10.4809

Details

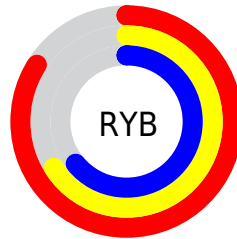
The Yxy color **44.9817, 0.3597, 0.3340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.8663, 0.2780, 0.3239**, and the grayscale version is **46.4158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1498, 0.3384, 0.3331**, and **20.9297, 0.3733, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **37.5445, 0.3879, 0.3363**, and if you desaturate by 10%, it is **53.6547, 0.3367, 0.3318**.

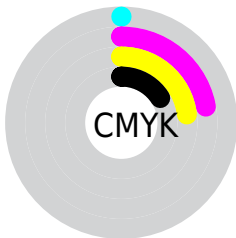
Distribution



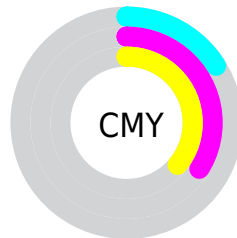
- Red (84%)
- Green (66%)
- Blue (64%)



- Red (84%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9817, 0.3597, 0.3340 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 44.9817, 0.3597, 0.3340 by changing the saturation by 10% instead.


 44.9817, 0.3597,
0.3340

 44.9817, 0.3597,
0.3340

366.6994, 0.3359,
0.3319

 31.4430, 0.3657,
0.3344


 82.6930, 0.3510,
0.3333

 20.9364, 0.3736,
0.3348


 107.6343, 0.3477,
0.3330

 13.0775, 0.3841,
0.3353

137.1453, 0.3450,
0.3328

 7.4820, 0.3989,
0.3357

171.6104, 0.3426,
0.3326

 3.7653, 0.4214,
0.3356

211.4140, 0.3406,
0.3324

 1.5432, 0.4590,
0.3339

256.9404, 0.3388,

 0.3188, 0.6873,

0.3322

0.3127

308.5741, 0.3373,
0.3320

0.0000, 0.0000,
0.0000

44.9817, 0.3597,
0.3340

44.9817, 0.3597,
0.3340

37.5445, 0.3879,
0.3363

53.6547, 0.3367,
0.3318

31.2811, 0.4220,
0.3385

63.6097, 0.3182,
0.3297

26.1333, 0.4621,
0.3403

74.8981, 0.3031,
0.3277

22.0356, 0.5068,
0.3413

87.5665, 0.2909,
0.3260

18.9154, 0.5525,
0.3411

93.0417, 0.2883,
0.3289

■ 16.6912, 0.5933,
0.3393

■ 15.2679, 0.6226,
0.3360

■ 14.7045, 0.6349,
0.3341

Harmonies

Analogous

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



44.9817, 0.3419, 0.3126



44.9817, 0.3597, 0.3340



44.9817, 0.3642, 0.3551

Triad

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



44.9817, 0.3597, 0.3340



44.9817, 0.3073, 0.3661



44.9817, 0.2720, 0.2879

Complementary

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



44.9817, 0.3597, 0.3340



58.8663, 0.2780, 0.3239

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.



44.9817, 0.2637, 0.3000



44.9817, 0.3597, 0.3340



44.9817, 0.2835, 0.3457

Square

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



44.9817, 0.3597, 0.3340



44.9817, 0.3333, 0.3751



44.9817, 0.2678, 0.3210



44.9817, 0.2910, 0.2866

Rectangle

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



44.9817, 0.3597, 0.3340



44.9817, 0.3591, 0.3664



44.9817, 0.2678, 0.3210



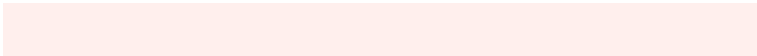
44.9817, 0.2679, 0.2907

Sweetspot

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



44.9838, 0.3597, 0.3340



88.8665, 0.3246, 0.3304



45.5413, 0.3182, 0.2748



18.8255, 0.3257, 0.3306



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.



44.9838, 0.3597, 0.3340



61.2250, 0.3728, 0.3351



54.8373, 0.3532, 0.3629



12.5783, 0.3289, 0.3309



8.9451, 0.6336, 0.3351



0.5962, 0.6151, 0.3498

Inverse Universe

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



58.8663, 0.2780, 0.3239



85.3028, 0.2713, 0.3228



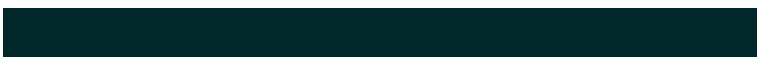
47.7341, 0.2755, 0.2925



13.9305, 0.2983, 0.3271



27.1262, 0.2178, 0.3040



1.6874, 0.2191, 0.3087

Previews

White Background



This preview shows how the Yxy color 44.9817, 0.3597, 0.3340 looks on a white background.

Color Contrast Check

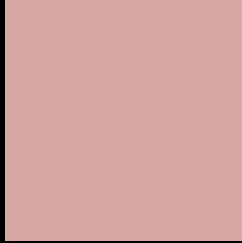
Large Text (above 18pt) WCAG AA × Fail

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 44.9817, 0.3597, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

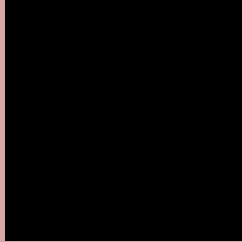
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9817, 0.3597, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 44.9817, 0.3597, 0.3340.



This preview shows how white text looks on a background with the Yxy color 44.9817, 0.3597, 0.3340.

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

44.9817, 0.3597, 0.3340

Protanopia

45.0574, 0.3254, 0.3396

Deuteranopia

45.0880, 0.3480, 0.3417



Tritanopia

45.1260, 0.3480, 0.3135

Trichromacy



Original Color

44.9817, 0.3597, 0.3340

Protanomaly

44.8350, 0.3378, 0.3368

Deuteranomaly

44.8920, 0.3522, 0.3391

Tritanomaly

45.1405, 0.3515, 0.3207

Monochromacy



Original Color

44.9817, 0.3597, 0.3340

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4833, 0.3287, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9817, 0.3597, 0.3340 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(214, 168, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 168, 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(214, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 168, 164) }
```

Border

The CSS property to change the border of an element to Yxy 44.9817, 0.3597, 0.3340 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(214, 168, 164) }
```

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

```
.border{ border-color:rgb(214, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 168, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 168, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 168,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9817, 0.3597, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 168, 164) }
```

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

```
.background{ background-color: rgb(214,  
168, 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](#).

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