

Converting Colors

$Yxy(47.6070, 0.3713, 0.3333)$

Have a look what the booklet for
Yxy(47.6070, 0.3713, 0.3333)
contains.

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Color

Yxy(47.5865, 0.3716, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	E4A9A5
RGB	228, 169, 165
RGB Percent	89%, 66%, 65%
CMY	0.1059, 0.3372, 0.3529
CMYK	0.00, 0.26, 0.28, 0.11
HSL	4°, 54%, 77%
HSV	4°, 28%, 89%
XYZ	52.9753, 47.5865, 41.9982
YIQ	186.1850, 36.4480, 11.2640

Conversions

Conversions Part 2

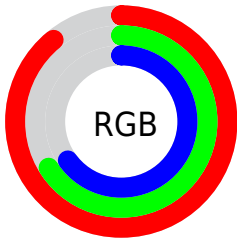
Format	Color
R _Y B	228, 169, 165
Decimal	14985637
CIE Lab	74.56, 21.12, 10.56
CIE LCh	75, 23.612, 26.560
Yxy	47.5865, 0.3716, 0.3338
Android (android.graphics.Color)	4293175717 (0xFFE4A9A5)
YUV	186.1850, -10.4442, 36.6718
Hunter-Lab	68.9830, 16.3583, 12.1912

Details

The Yxy color **47.5865, 0.3716, 0.3338** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.9203, 0.2721, 0.3241**, and the grayscale version is **49.2580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7386, 0.3376, 0.3331**, and **22.5728, 0.3883, 0.3353** is the 20% darker color. If you saturate the color by 10%, you get **39.5229, 0.4028, 0.3356**, and if you desaturate by 10%, it is **57.1004, 0.3462, 0.3320**.

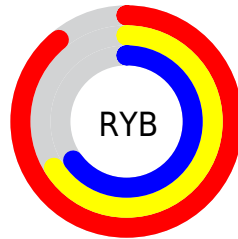
Distribution



Red (89%)

Green (66%)

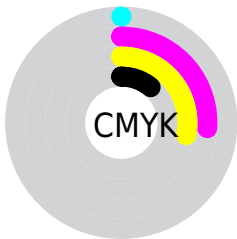
Blue (65%)



Red (89%)

Yellow (66%)

Blue (65%)

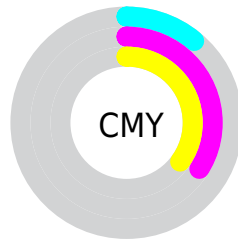


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5865, 0.3716, 0.3338 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 47.5865, 0.3716, 0.3338 by changing the saturation by 10% instead.


 47.5865, 0.3716,
0.3338

 47.5865, 0.3716,
0.3338


377.1508, 0.3420,
0.3320

 33.4995, 0.3790,
0.3340


 86.5884, 0.3608,
0.3333

 22.5094, 0.3886,
0.3342


 112.2722, 0.3568,
0.3331

 14.2317, 0.4013,
0.3343


142.5903, 0.3533,
0.3329

 8.2820, 0.4190,
0.3340

177.9273, 0.3504,
0.3327

 4.2759, 0.4454,
0.3328

218.6674, 0.3479,
0.3325

 1.8291, 0.4882,
0.3288

265.1951, 0.3457,

 0.5052, 0.6655,

0.3323

0.3345

317.8947, 0.3437,
0.3322

0.0000, 0.0000,
0.0000

47.5865, 0.3716,
0.3338

47.5865, 0.3716,
0.3338

39.5229, 0.4028,
0.3356

57.1004, 0.3462,
0.3320

32.8322, 0.4402,
0.3373

68.1238, 0.3257,
0.3302

27.4397, 0.4833,
0.3385

80.7208, 0.3091,
0.3286

23.2612, 0.5297,
0.3389

94.8712, 0.2964,
0.3284

20.2024, 0.5745,
0.3381

95.2338, 0.2964,
0.3290

■ 18.1553, 0.6107,
0.3360

■ 16.9888, 0.6328,
0.3332

■ 16.8197, 0.6364,
0.3329

Harmonies

Analogous

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



47.5865, 0.3485, 0.3075



47.5865, 0.3716, 0.3338



47.5865, 0.3779, 0.3603

Triad

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



47.5865, 0.3716, 0.3338



47.5865, 0.3068, 0.3770



47.5865, 0.2611, 0.2778

Complementary

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



47.5865, 0.3716, 0.3338



66.9203, 0.2721, 0.3241

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.



47.5865, 0.2515, 0.2929



47.5865, 0.3716, 0.3338



47.5865, 0.2769, 0.3511

Square

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



47.5865, 0.3716, 0.3338



47.5865, 0.3394, 0.3877



47.5865, 0.2570, 0.3196



47.5865, 0.2842, 0.2760

Rectangle

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



47.5865, 0.3716, 0.3338



47.5865, 0.3717, 0.3750



47.5865, 0.2570, 0.3196



47.5865, 0.2563, 0.2813

Sweetspot

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



47.5887, 0.3716, 0.3338



87.1635, 0.3264, 0.3303



48.8385, 0.3185, 0.2636



18.1715, 0.3293, 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.



47.5887, 0.3716, 0.3338



55.3147, 0.3882, 0.3348



60.3611, 0.3623, 0.3684



14.5136, 0.3291, 0.3305



9.7705, 0.6353, 0.3338



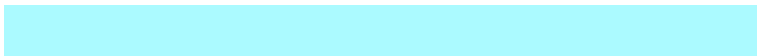
0.7739, 0.6224, 0.3440

Inverse Universe

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



66.9203, 0.2721, 0.3241



84.0292, 0.2649, 0.3230



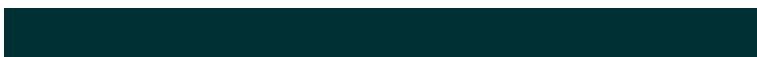
51.9016, 0.2683, 0.2861



16.1719, 0.2982, 0.3275



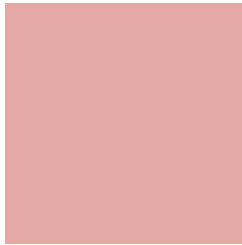
30.9453, 0.2192, 0.3092



2.3343, 0.2201, 0.3123

Previews

White Background



This preview shows how the Yxy color 47.5865, 0.3716, 0.3338 looks on a white background.

Color Contrast Check

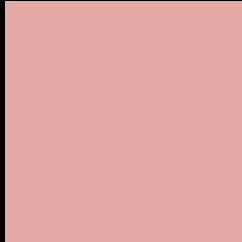
Large Text (above 18pt) WCAG AA × Fail

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 47.5865, 0.3716, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

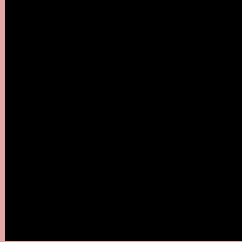
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5865, 0.3716, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 47.5865, 0.3716, 0.3338.



This preview shows how white text looks on a background with the Yxy color 47.5865, 0.3716, 0.3338.

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

47.5865, 0.3716, 0.3338

Protanopia

47.7927, 0.3276, 0.3432

Deuteranopia

47.6799, 0.3526, 0.3451



Tritanopia

47.7557, 0.3599, 0.3143

Trichromacy



Original Color

47.5865, 0.3716, 0.3338

Protanomaly

47.5427, 0.3435, 0.3403

Deuteranomaly

47.5514, 0.3599, 0.3412

Tritanomaly

47.7584, 0.3634, 0.3211

Monochromacy



Original Color

47.5865, 0.3716, 0.3338

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2744, 0.3327, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5865, 0.3716, 0.3338 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(228, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(228, 169, 165)  
}
```

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(228, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 169, 165) }
```

Border

The CSS property to change the border of an element to Yxy 47.5865, 0.3716, 0.3338 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(228, 169, 165) }
```

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

```
.border{ border-color:rgb(228, 169, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 169, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(228, 169,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5865, 0.3716, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 169, 165) }
```

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

```
.background{ background-color: rgb(228,  
169, 165) }
```

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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