

Converting Colors

$Yxy(45.0134, 0.3736, 0.3421)$

Have a look what the booklet for
Yxy(45.0134, 0.3736, 0.3421)
contains.

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Color

Yxy(44.8884, 0.3736, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	DCA69C
RGB	220, 166, 156
RGB Percent	86%, 65%, 61%
CMY	0.1373, 0.3490, 0.3883
CMYK	0.00, 0.25, 0.29, 0.14
HSL	9°, 48%, 74%
HSV	9°, 29%, 86%
XYZ	49.1510, 44.8884, 37.5210
YIQ	181.0060, 35.3940, 8.3380

Conversions

Conversions Part 2

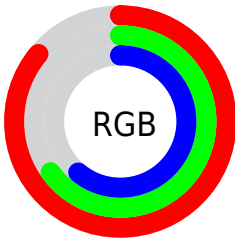
Format	Color
R _Y B	220, 168, 156
Decimal	14460572
CIE Lab	72.82, 18.49, 12.92
CIE LCh	73, 22.557, 34.937
Yxy	44.8884, 0.3736, 0.3412
Android (android.graphics.Color)	4292650652 (0xFFDCA69C)
YUV	181.0060, -12.3280, 34.1977
Hunter-Lab	66.9988, 13.7014, 13.6953

Details

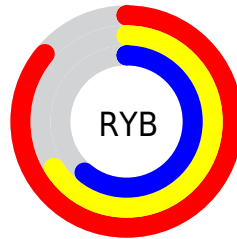
The Yxy color $44.8884, 0.3736, 0.3412$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.3175, 0.2694, 0.3164$, and the grayscale version is $46.2662, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.6260, 0.3451, 0.3402$, and $20.9471, 0.3916, 0.3435$ is the 20% darker color. If you saturate the color by 10%, you get $37.9443, 0.4036, 0.3456$, and if you desaturate by 10%, it is $52.9451, 0.3487, 0.3368$.

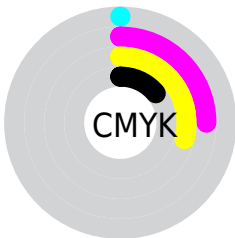
Distribution



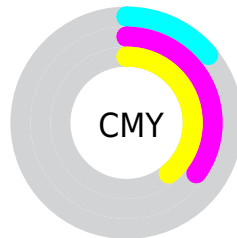
- Red (86%)
- Green (65%)
- Blue (61%)



- Red (86%)
- Yellow (66%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (14%)





- Cyan (14%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8884, 0.3736, 0.3412 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 44.8884, 0.3736, 0.3412 by changing the saturation by 10% instead.


 44.8884, 0.3736,
0.3412

 44.8884, 0.3736,
0.3412


366.3214, 0.3427,
0.3358

 31.3695, 0.3814,
0.3423


 82.5529, 0.3623,
0.3394

 20.8804, 0.3916,
0.3436


 107.4674, 0.3580,
0.3387

 13.0366, 0.4052,
0.3451


136.9491, 0.3545,
0.3380

 7.4538, 0.4243,
0.3467

171.3826, 0.3514,
0.3375

 3.7475, 0.4529,
0.3480

211.1521, 0.3488,
0.3370

 1.5333, 0.5039,
0.3497

256.6422, 0.3465,

 0.3120, 0.7056,

0.3365

0.2944

308.2372, 0.3445,
0.3361

0.0000, 0.0000,
0.0000

44.8884, 0.3736,
0.3412

44.8884, 0.3736,
0.3412

37.9443, 0.4036,
0.3456

52.9451, 0.3487,
0.3368

32.0577, 0.4391,
0.3495

62.1539, 0.3281,
0.3326

27.1783, 0.4794,
0.3524

72.5601, 0.3113,
0.3287

23.2490, 0.5226,
0.3536

84.2044, 0.2975,
0.3251

20.2072, 0.5647,
0.3521

93.9554, 0.2917,
0.3289

■ 17.9822, 0.6001,
0.3477

■ 16.4882, 0.6245,
0.3414

■ 16.3843, 0.6263,
0.3409

Harmonies

Analogous

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



44.8884, 0.3551, 0.3149



44.8884, 0.3736, 0.3412



44.8884, 0.3746, 0.3660

Triad

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



44.8884, 0.3736, 0.3412



44.8884, 0.2982, 0.3699



44.8884, 0.2675, 0.2772

Complementary

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



44.8884, 0.3736, 0.3412



58.3175, 0.2694, 0.3164

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.



44.8884, 0.2542, 0.2885



44.8884, 0.3736, 0.3412



44.8884, 0.2712, 0.3421

Square

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



44.8884, 0.3736, 0.3412



44.8884, 0.3301, 0.3850



44.8884, 0.2554, 0.3118



44.8884, 0.2931, 0.2791

Rectangle

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



44.8884, 0.3736, 0.3412



44.8884, 0.3654, 0.3785



44.8884, 0.2554, 0.3118



44.8884, 0.2616, 0.2795

Sweetspot

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



44.8905, 0.3736, 0.3412



86.8739, 0.3281, 0.3326



43.6617, 0.3245, 0.2669



18.1683, 0.3309, 0.3332



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.



44.8905, 0.3736, 0.3412



56.5330, 0.3916, 0.3439



57.8187, 0.3632, 0.3776



13.3789, 0.3288, 0.3327



9.7202, 0.6243, 0.3425



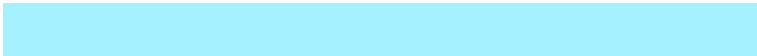
0.7345, 0.5962, 0.3648

Inverse Universe

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



58.3175, 0.2694, 0.3164



78.2292, 0.2611, 0.3133



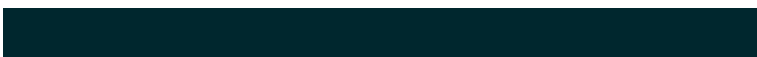
44.2313, 0.2650, 0.2750



14.4643, 0.2982, 0.3252



23.6710, 0.2108, 0.2787



1.6289, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 44.8884, 0.3736, 0.3412 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 44.8884, 0.3736, 0.3412 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 44.8884, 0.3736, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 44.8884, 0.3736, 0.3412.



This preview shows how white text looks on a background with the Yxy color 44.8884, 0.3736, 0.3412.

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

44.8884, 0.3736, 0.3412

Protanopia

44.8885, 0.3331, 0.3502

Deuteranopia

44.8507, 0.3583, 0.3505



Tritanopia

44.8586, 0.3572, 0.3138

Trichromacy



Original Color

44.8884, 0.3736, 0.3412

Protanomaly

44.8159, 0.3467, 0.3470

Deuteranomaly

44.8176, 0.3637, 0.3478

Tritanomaly

44.7876, 0.3627, 0.3232

Monochromacy



Original Color

44.8884, 0.3736, 0.3412

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6313, 0.3330, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8884, 0.3736, 0.3412 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(220, 166, 156)` looks like.

```
.text, #text, p{  
    color:rgb(220, 166, 156)  
}
```

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(220, 166, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 166, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.8884, 0.3736, 0.3412 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(220, 166, 156) }
```

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

```
.border{ border-color:rgb(220, 166, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 166, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 166, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 166, 156);  
box-shadow:4px 4px 4px 4px rgb(220, 166,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8884, 0.3736, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 166, 156) }
```

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

```
.background{ background-color: rgb(220,  
166, 156) }
```

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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