

Converting Colors

$Yxy(44.8733, 0.3720, 0.3457)$

Have a look what the booklet for
Yxy(44.8733, 0.3720, 0.3457)
contains.

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Color

Yxy(45.0901, 0.3719, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	D9A89A
RGB	217, 168, 154
RGB Percent	85%, 66%, 60%
CMY	0.1491, 0.3412, 0.3959
CMYK	0.00, 0.23, 0.29, 0.15
HSL	13°, 45%, 73%
HSV	13°, 29%, 85%
XYZ	48.4513, 45.0901, 36.7391
YIQ	181.0550, 33.6980, 6.0340

Conversions

Conversions Part 2

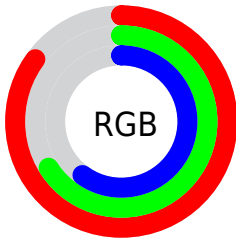
Format	Color
RYB	217, 172, 154
Decimal	14264474
CIELab	72.95, 16.01, 14.13
CIElCh	73, 21.349, 41.433
Yxy	45.0901, 0.3719, 0.3461
Android (android.graphics.Color)	4292454554 (0xFFD9A89A)
YUV	181.0550, -13.3381, 31.5238
Hunter-Lab	67.1492, 11.2853, 14.5653

Details

The Yxy color **45.0901, 0.3719, 0.3461** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6081, 0.2690, 0.3111**, and the grayscale version is **46.3017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5894, 0.3461, 0.3443**, and **21.0471, 0.3892, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **38.5976, 0.4005, 0.3522**, and if you desaturate by 10%, it is **52.5272, 0.3478, 0.3399**.

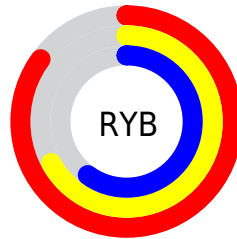
Distribution



Red (85%)

Green (66%)

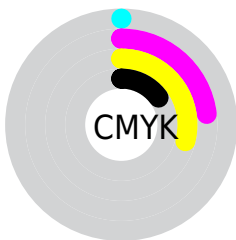
Blue (60%)



Red (85%)

Yellow (67%)

Blue (60%)

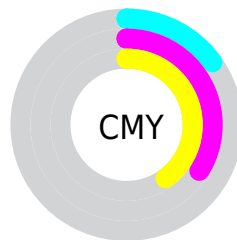


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (15%)



Cyan (15%)


Magenta (34%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0901, 0.3719, 0.3461 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 45.0901, 0.3719, 0.3461 by changing the saturation by 10% instead.


 45.0901, 0.3719,
0.3461

 45.0901, 0.3719,
0.3461


367.1383, 0.3419,
0.3382

 31.5284, 0.3795,
0.3479


 82.8556, 0.3609,
0.3434

 21.0015, 0.3893,
0.3500


 107.8282, 0.3568,
0.3423

 13.1251, 0.4025,
0.3525


137.3732, 0.3533,
0.3414

 7.5148, 0.4209,
0.3556

171.8750, 0.3504,
0.3406

 3.7861, 0.4485,
0.3590

211.7181, 0.3478,
0.3399

 1.5546, 0.4993,
0.3658

257.2867, 0.3456,

 0.3267, 0.6822,

0.3393

0.3178

308.9653, 0.3436,
0.3387

0.0000, 0.0000,
0.0000

45.0901, 0.3719,
0.3461

45.0901, 0.3719,
0.3461

38.5976, 0.4005,
0.3522

52.5272, 0.3478,
0.3399

33.0053, 0.4339,
0.3579

60.9382, 0.3278,
0.3340

28.2747, 0.4717,
0.3623

70.3593, 0.3112,
0.3285

24.3620, 0.5122,
0.3645

80.8227, 0.2974,
0.3234

21.2193, 0.5521,
0.3634

91.8640, 0.2899,
0.3263

■ 18.7934, 0.5869,
0.3585

■ 93.4904, 0.2900,
0.3289

■ 17.0197, 0.6128,
0.3505

■ 16.8753, 0.6151,
0.3498

Harmonies

Analogous

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



45.0901, 0.3578, 0.3209



45.0901, 0.3719, 0.3461



45.0901, 0.3692, 0.3684

Triad

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



45.0901, 0.3719, 0.3461



45.0901, 0.2929, 0.3626



45.0901, 0.2744, 0.2793

Complementary

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



45.0901, 0.3719, 0.3461



54.6081, 0.2690, 0.3111

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.



45.0901, 0.2588, 0.2874



45.0901, 0.3719, 0.3461



45.0901, 0.2691, 0.3350

Square

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



45.0901, 0.3719, 0.3461



45.0901, 0.3227, 0.3800



45.0901, 0.2570, 0.3073



45.0901, 0.3005, 0.2836

Rectangle

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



45.0901, 0.3719, 0.3461



45.0901, 0.3584, 0.3786



45.0901, 0.2570, 0.3073



45.0901, 0.2678, 0.2806

Sweetspot

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



45.0922, 0.3719, 0.3461



87.7391, 0.3280, 0.3340



42.2040, 0.3282, 0.2716



18.3798, 0.3307, 0.3349



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.



45.0922, 0.3719, 0.3461



58.9317, 0.3894, 0.3500



58.0033, 0.3617, 0.3821



13.5176, 0.3286, 0.3343



10.3461, 0.6128, 0.3516



0.7996, 0.5810, 0.3769

Inverse Universe

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



54.6081, 0.2690, 0.3111



74.8323, 0.2602, 0.3067



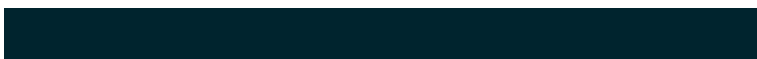
41.3418, 0.2646, 0.2695



14.3140, 0.2982, 0.3237



20.3425, 0.2045, 0.2562



1.4412, 0.2082, 0.2695

Previews

White Background



This preview shows how the Yxy color 45.0901, 0.3719, 0.3461 looks on a white background.

Color Contrast Check

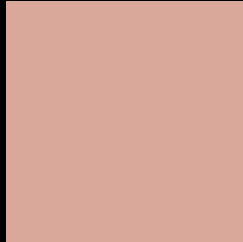
Large Text (above 18pt) WCAG AA × Fail

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 45.0901, 0.3719, 0.3461 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 45.0901, 0.3719, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 45.0901, 0.3719, 0.3461.



This preview shows how white text looks on a background with the Yxy color 45.0901, 0.3719, 0.3461.

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

45.0901, 0.3719, 0.3461

Protanopia

45.3431, 0.3355, 0.3541

Deuteranopia

45.3089, 0.3608, 0.3542



Tritanopia

45.3002, 0.3539, 0.3149

Trichromacy



Original Color

45.0901, 0.3719, 0.3461

Protanomaly

45.1343, 0.3482, 0.3509

Deuteranomaly

45.1274, 0.3652, 0.3515

Tritanomaly

45.1971, 0.3602, 0.3256

Monochromacy



Original Color

45.0901, 0.3719, 0.3461

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4603, 0.3330, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0901, 0.3719, 0.3461 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(217, 168, 154)` looks like.

```
.text, #text, p{  
    color:rgb(217, 168, 154)  
}
```

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(217, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 168, 154) }
```

Border

The CSS property to change the border of an element to Yxy 45.0901, 0.3719, 0.3461 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(217, 168, 154) }
```

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

```
.border{ border-color:rgb(217, 168, 154) }
```

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

Here you see how a box with a 4 pixel rgb(217, 168, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(217, 168,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0901, 0.3719, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 168, 154) }
```

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

```
.background{ background-color: rgb(217,  
168, 154) }
```

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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