

Converting Colors

$Yxy(45.5477, 0.3704, 0.3375)$

Have a look what the booklet for
Yxy(45.5477, 0.3704, 0.3375)
contains.

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Color

Yxy(45.5477, 0.3704, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	DDA7A0
RGB	221, 167, 160
RGB Percent	87%, 65%, 63%
CMY	0.1333, 0.3451, 0.3725
CMYK	0.00, 0.24, 0.28, 0.13
HSL	7°, 47%, 75%
HSV	7°, 28%, 87%
XYZ	49.9878, 45.5477, 39.4207
YIQ	182.3480, 34.4310, 9.2710

Conversions

Conversions Part 2

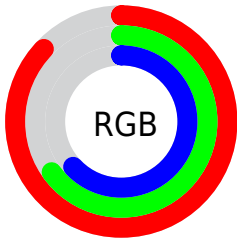
Format	Color
R _Y B	221, 168, 160
Decimal	14526368
CIE Lab	73.25, 18.89, 11.34
CIE LCh	73, 22.032, 30.967
Yxy	45.5477, 0.3704, 0.3375
Android (android.graphics.Color)	4292716448 (0xFFDDA7A0)
YUV	182.3480, -11.0176, 33.8978
Hunter-Lab	67.4890, 14.1055, 12.6107

Details

The Yxy color $45.5477, 0.3704, 0.3375$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $60.8081, 0.2718, 0.3203$, and the grayscale version is $47.0280, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4088, 0.3414, 0.3361$, and $21.3649, 0.3869, 0.3387$ is the 20% darker color. If you saturate the color by 10%, you get $38.2072, 0.4005, 0.3407$, and if you desaturate by 10%, it is $54.1152, 0.3457, 0.3343$.

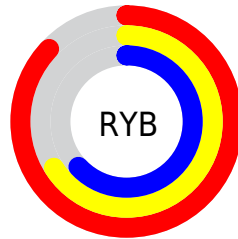
Distribution



Red (87%)

Green (65%)

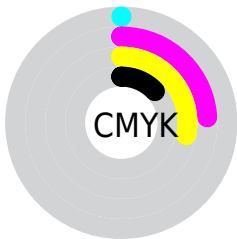
Blue (63%)



Red (87%)

Yellow (66%)

Blue (63%)

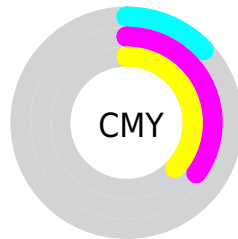


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5477, 0.3704, 0.3375 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 45.5477, 0.3704, 0.3375 by changing the saturation by 10% instead.


 45.5477, 0.3704,
0.3375


 45.5477, 0.3704,
0.3375


368.9873, 0.3412,
0.3339

 31.8890, 0.3778,
0.3382

 83.5417, 0.3597,
0.3363

 21.2768, 0.3873,
0.3390


 108.6458, 0.3557,
0.3358

 13.3265, 0.4001,
0.3399


138.3339, 0.3523,
0.3354

 7.6537, 0.4181,
0.3406

172.9903, 0.3495,
0.3350

 3.8742, 0.4450,
0.3408

212.9994, 0.3470,
0.3347

 1.6034, 0.4903,
0.3394

258.7457, 0.3448,

 0.3599, 0.6906,

0.3344

310.6135, 0.3429,
0.3341

0.3094

0.0000, 0.0000,
0.0000

45.5477, 0.3704,
0.3375

45.5477, 0.3704,
0.3375

38.2072, 0.4005,
0.3407

54.1152, 0.3457,
0.3343

32.0314, 0.4363,
0.3437

63.9557, 0.3255,
0.3312

26.9623, 0.4775,
0.3459

75.1205, 0.3091,
0.3283

22.9340, 0.5221,
0.3468

87.6563, 0.2957,
0.3257

19.8740, 0.5658,
0.3457

94.1151, 0.2923,
0.3289

■ 17.7001, 0.6027,
0.3425

■ 16.3148, 0.6272,
0.3375

■ 16.0831, 0.6317,
0.3366

Harmonies

Analogous

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



45.5477, 0.3506, 0.3121



45.5477, 0.3704, 0.3375



45.5477, 0.3738, 0.3622

Triad

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



45.5477, 0.3704, 0.3375



45.5477, 0.3026, 0.3715



45.5477, 0.2663, 0.2793

Complementary

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



45.5477, 0.3704, 0.3375



60.8081, 0.2718, 0.3203

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.



45.5477, 0.2550, 0.2920



45.5477, 0.3704, 0.3375



45.5477, 0.2753, 0.3456

Square

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



45.5477, 0.3704, 0.3375



45.5477, 0.3337, 0.3840



45.5477, 0.2582, 0.3160



45.5477, 0.2898, 0.2795

Rectangle

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



45.5477, 0.3704, 0.3375



45.5477, 0.3663, 0.3752



45.5477, 0.2582, 0.3160



45.5477, 0.2610, 0.2822

Sweetspot

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



45.5498, 0.3704, 0.3375



87.7657, 0.3263, 0.3313



45.4238, 0.3211, 0.2669



18.3217, 0.3292, 0.3318



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.



45.5498, 0.3704, 0.3375



57.0317, 0.3867, 0.3393



57.6724, 0.3612, 0.3717



13.2903, 0.3289, 0.3317



9.4248, 0.6300, 0.3380



0.6926, 0.6068, 0.3564

Inverse Universe

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



60.8081, 0.2718, 0.3203



81.3892, 0.2643, 0.3183



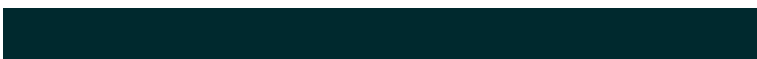
47.1506, 0.2680, 0.2822



14.5618, 0.2982, 0.3262



25.9968, 0.2147, 0.2927



1.7580, 0.2164, 0.2991

Previews

White Background



This preview shows how the Yxy color 45.5477, 0.3704, 0.3375 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 45.5477, 0.3704, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

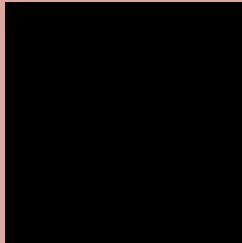
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5477, 0.3704, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 45.5477, 0.3704, 0.3375.



This preview shows how white text looks on a background with the Yxy color 45.5477, 0.3704, 0.3375.

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

45.5477, 0.3704, 0.3375

Protanopia

45.9973, 0.3295, 0.3461

Deuteranopia

45.7544, 0.3541, 0.3479



Tritanopia

45.4132, 0.3569, 0.3139

Trichromacy



Original Color

45.5477, 0.3704, 0.3375

Protanomaly

45.4824, 0.3439, 0.3431

Deuteranomaly

45.4779, 0.3606, 0.3439

Tritanomaly

45.3801, 0.3614, 0.3220

Monochromacy



Original Color

45.5477, 0.3704, 0.3375

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2360, 0.3321, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5477, 0.3704, 0.3375 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(221, 167, 160)` looks like.

```
.text, #text, p{  
    color:rgb(221, 167, 160)  
}
```

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(221, 167, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 167, 160) }
```

Border

The CSS property to change the border of an element to Yxy 45.5477, 0.3704, 0.3375 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(221, 167, 160) }
```

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

```
.border{ border-color:rgb(221, 167, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 167, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 167, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 167, 160); box-shadow:4px 4px 4px 4px rgb(221, 167, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5477, 0.3704, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 167, 160) }
```

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

```
.background{ background-color: rgb(221,  
167, 160) }
```

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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