

Converting Colors

$Y_{xy}(40.5175, 0.3792, 0.3542)$

Have a look what the booklet for
Yxy(40.5175, 0.3792, 0.3542)
contains.

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Color

Yxy(40.4450, 0.3797, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	D0A08C
RGB	208, 160, 140
RGB Percent	82%, 63%, 55%
CMY	0.1842, 0.3726, 0.4511
CMYK	0.00, 0.23, 0.33, 0.18
HSL	18°, 42%, 68%
HSV	18°, 33%, 82%
XYZ	43.3201, 40.4450, 30.3252
YIQ	172.0720, 35.0280, 3.9560

Conversions

Conversions Part 2

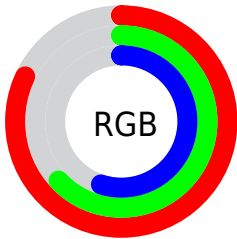
Format	Color
R _Y B	208, 168, 140
Decimal	13672588
CIE Lab	69.79, 15.02, 17.30
CIE LCh	70, 22.909, 49.023
Yxy	40.4450, 0.3797, 0.3545
Android (android.graphics.Color)	4291862668 (0xFFD0A08C)
YUV	172.0720, -15.8115, 31.5089
Hunter-Lab	63.5964, 10.2955, 16.2457

Details

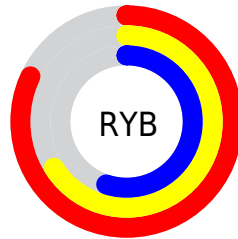
The Yxy color **40.4450, 0.3797, 0.3545** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0957, 0.2631, 0.3018**, and the grayscale version is **41.3625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7559, 0.3579, 0.3506**, and **18.1387, 0.3999, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **35.0969, 0.4083, 0.3625**, and if you desaturate by 10%, it is **46.5140, 0.3552, 0.3464**.

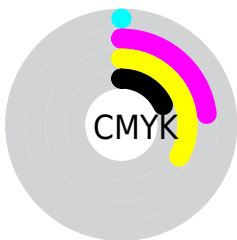
Distribution



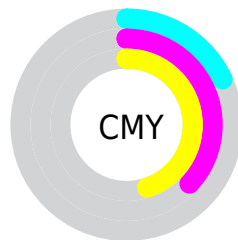
- Red (82%)
- Green (63%)
- Blue (55%)



- Red (82%)
- Yellow (66%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (18%)





- Cyan (18%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4450, 0.3797, 0.3545 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 40.4450, 0.3797, 0.3545 by changing the saturation by 10% instead.


 40.4450, 0.3797,
0.3545


 40.4450, 0.3797,
0.3545


347.9956, 0.3451,
0.3423

 27.8857, 0.3886,
0.3573


 75.8407, 0.3669,
0.3503

 18.2395, 0.4002,
0.3607


 99.4458, 0.3622,
0.3486

 11.1221, 0.4159,
0.3649


 127.5017, 0.3582,
0.3472

 6.1490, 0.4382,
0.3700

160.3926, 0.3548,
0.3460

 2.9359, 0.4719,
0.3757

198.5031, 0.3519,
0.3449

 1.0984, 0.5816,
0.4184

242.2175, 0.3493,

 0.0000, 1.0000,

0.3439

0.0000

291.9202, 0.3471,
0.3431

0.0000, 0.0000,
0.0000

40.4450, 0.3797,
0.3545

40.4450, 0.3797,
0.3545

35.0969, 0.4083,
0.3625

46.5140, 0.3552,
0.3464

30.4368, 0.4409,
0.3696

53.3241, 0.3344,
0.3384

26.4371, 0.4768,
0.3749

60.9018, 0.3170,
0.3309

23.0665, 0.5141,
0.3773

69.2704, 0.3023,
0.3240

20.2905, 0.5500,
0.3756

78.4522, 0.2899,
0.3176

■ 18.0710, 0.5807,
0.3693

■ 87.8219, 0.2845,
0.3218

■ 16.7727, 0.5989,
0.3627

■ 92.1531, 0.2849,
0.3289

Harmonies

Analogous

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



40.4450, 0.3685, 0.3268



40.4450, 0.3797, 0.3545



40.4450, 0.3717, 0.3776

Triad

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



40.4450, 0.3797, 0.3545



40.4450, 0.2830, 0.3594



40.4450, 0.2765, 0.2740

Complementary

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



40.4450, 0.3797, 0.3545



46.0957, 0.2631, 0.3018

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.



40.4450, 0.2561, 0.2792



40.4450, 0.3797, 0.3545



40.4450, 0.2596, 0.3273

Square

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



40.4450, 0.3797, 0.3545



40.4450, 0.3151, 0.3827



40.4450, 0.2500, 0.2979



40.4450, 0.3075, 0.2820

Rectangle

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



40.4450, 0.3797, 0.3545



40.4450, 0.3571, 0.3869



40.4450, 0.2500, 0.2979



40.4450, 0.2683, 0.2742

Sweetspot

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



40.4469, 0.3797, 0.3545



87.5151, 0.3296, 0.3364



35.8257, 0.3351, 0.2695



18.3780, 0.3322, 0.3375



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.



40.4469, 0.3797, 0.3545



58.2640, 0.3985, 0.3599



53.5694, 0.3669, 0.3940



12.3670, 0.3283, 0.3359



10.5981, 0.5964, 0.3647



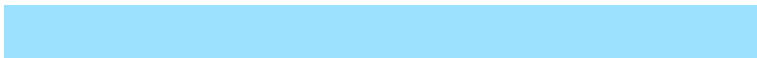
0.7304, 0.5597, 0.3938

Inverse Universe

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



46.0957, 0.2631, 0.3018



68.4939, 0.2534, 0.2952



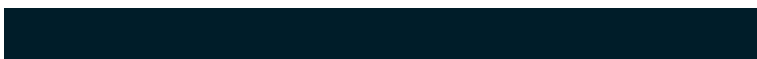
33.4784, 0.2572, 0.2542



12.7950, 0.2983, 0.3220



15.9800, 0.1975, 0.2309



1.0274, 0.2031, 0.2510

Previews

White Background



This preview shows how the Yxy color 40.4450, 0.3797, 0.3545 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 40.4450, 0.3797, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

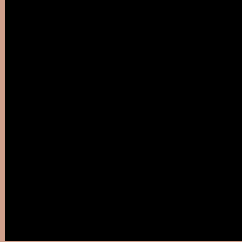
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4450, 0.3797, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 40.4450, 0.3797, 0.3545.



This preview shows how white text looks on a background with the Yxy color 40.4450, 0.3797, 0.3545.

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

40.4450, 0.3797, 0.3545

Protanopia

40.4971, 0.3439, 0.3636

Deuteranopia

40.4208, 0.3691, 0.3619



Tritanopia

40.4530, 0.3560, 0.3143

Trichromacy



Original Color

40.4450, 0.3797, 0.3545

Protanomaly

40.2028, 0.3566, 0.3600

Deuteranomaly

40.6150, 0.3734, 0.3601

Tritanomaly

40.2842, 0.3647, 0.3279

Monochromacy



Original Color

40.4450, 0.3797, 0.3545

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8576, 0.3357, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4450, 0.3797, 0.3545 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(208, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(208, 160, 140)  
}
```

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(208, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 160, 140) }
```

Border

The CSS property to change the border of an element to Yxy 40.4450, 0.3797, 0.3545 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(208, 160, 140) }
```

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

```
.border{ border-color:rgb(208, 160, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 160, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(208, 160,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4450, 0.3797, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 160, 140) }
```

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

```
.background{ background-color: rgb(208,  
160, 140) }
```

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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