

Converting Colors

$Yxy(40.8397, 0.3857, 0.3556)$

Have a look what the booklet for
Yxy(40.8397, 0.3857, 0.3556)
contains.

Yxy(40.9736, 0.3856, 0.3566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.9736, 0.3856, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	D4A08A
RGB	212, 160, 138
RGB Percent	83%, 63%, 54%
CMY	0.1687, 0.3725, 0.4588
CMYK	0.00, 0.25, 0.35, 0.17
HSL	18°, 46%, 69%
HSV	18°, 35%, 83%
XYZ	44.3057, 40.9736, 29.6214
YIQ	173.0400, 38.0540, 4.1820

Conversions

Conversions Part 2

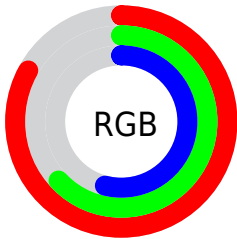
Format	Color
R _Y B	212, 169, 138
Decimal	13934730
CIE Lab	70.16, 16.32, 18.96
CIE LCh	70, 25.010, 49.281
Yxy	40.9736, 0.3856, 0.3566
Android (android.graphics.Color)	4292124810 (0xFFD4A08A)
YUV	173.0400, -17.2747, 34.1679
Hunter-Lab	64.0106, 11.5323, 17.3705

Details

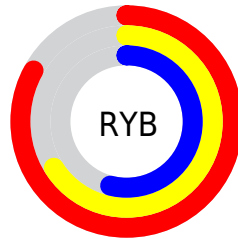
The Yxy color **40.9736, 0.3856, 0.3566** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9730, 0.2598, 0.2993**, and the grayscale version is **41.8866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6666, 0.3594, 0.3527**, and **18.4976, 0.4082, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **35.5618, 0.4150, 0.3645**, and if you desaturate by 10%, it is **47.1277, 0.3602, 0.3484**.

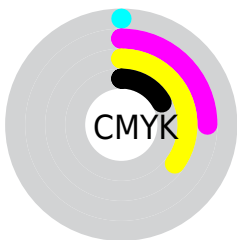
Distribution



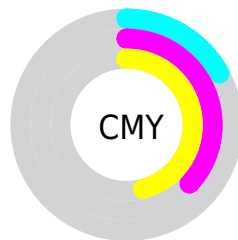
- Red (83%)
- Green (63%)
- Blue (54%)



- Red (83%)
- Yellow (66%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (35%)
- Black (17%)



- Cyan (17%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9736, 0.3856, 0.3566 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 40.9736, 0.3856, 0.3566 by changing the saturation by 10% instead.


 40.9736, 0.3856,
0.3566


 40.9736, 0.3856,
0.3566


350.2103, 0.3481,
0.3436


 28.2985, 0.3952,
0.3595


 76.6438, 0.3717,
0.3521

 18.5508, 0.4078,
0.3631


 100.4077, 0.3666,
0.3503

 11.3461, 0.4246,
0.3673


 128.6366, 0.3623,
0.3488

 6.3001, 0.4483,
0.3724

161.7149, 0.3586,
0.3475

 3.0284, 0.4838,
0.3776

200.0270, 0.3554,
0.3463

 1.1466, 0.5877,
0.4123

243.9574, 0.3527,

 0.0174, 0.9597,

0.3453

0.0403

293.8903, 0.3502,
0.3444

0.0000, 0.0000,
0.0000

40.9736, 0.3856,
0.3566

40.9736, 0.3856,
0.3566

35.5618, 0.4150,
0.3645

47.1277, 0.3602,
0.3484

30.8577, 0.4484,
0.3714

54.0453, 0.3387,
0.3403

26.8325, 0.4847,
0.3763

61.7540, 0.3205,
0.3326

23.4529, 0.5220,
0.3779

70.2784, 0.3052,
0.3254

20.6827, 0.5569,
0.3752

79.6418, 0.2924,
0.3188

■ 18.4811, 0.5859,
0.3678

■ 89.1923, 0.2869,
0.3231

■ 17.5554, 0.5983,
0.3631

■ 92.7340, 0.2871,
0.3289

Harmonies

Analogous

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



40.9736, 0.3736, 0.3267



40.9736, 0.3856, 0.3566



40.9736, 0.3766, 0.3817

Triad

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



40.9736, 0.3856, 0.3566



40.9736, 0.2801, 0.3618



40.9736, 0.2737, 0.2695

Complementary

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



40.9736, 0.3856, 0.3566



46.9730, 0.2598, 0.2993

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.



40.9736, 0.2515, 0.2748



40.9736, 0.3856, 0.3566



40.9736, 0.2550, 0.3267

Square

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



40.9736, 0.3856, 0.3566



40.9736, 0.3148, 0.3876



40.9736, 0.2449, 0.2948



40.9736, 0.3072, 0.2784

Rectangle

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



40.9736, 0.3856, 0.3566



40.9736, 0.3606, 0.3920



40.9736, 0.2449, 0.2948



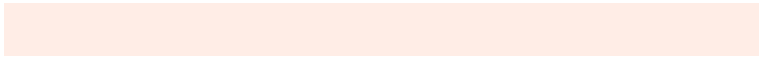
40.9736, 0.2647, 0.2696

Sweetspot

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



40.9755, 0.3856, 0.3566



87.5630, 0.3296, 0.3365



35.9363, 0.3371, 0.2654



18.3895, 0.3322, 0.3376



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.



40.9755, 0.3856, 0.3566



55.9402, 0.4075, 0.3627



55.2879, 0.3709, 0.3984



13.0169, 0.3284, 0.3360



10.9933, 0.5958, 0.3651



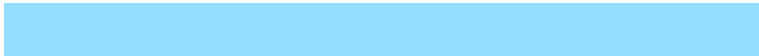
0.8064, 0.5614, 0.3924

Inverse Universe

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



46.9730, 0.2598, 0.2993



66.3573, 0.2491, 0.2917



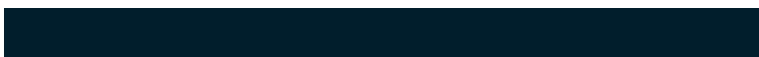
33.2798, 0.2530, 0.2481



13.4550, 0.2982, 0.3219



16.3741, 0.1971, 0.2296



1.1287, 0.2025, 0.2488

Previews

White Background



This preview shows how the Yxy color 40.9736, 0.3856, 0.3566 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 40.9736, 0.3856, 0.3566 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 40.9736, 0.3856, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 40.9736, 0.3856, 0.3566.



This preview shows how white text looks on a background with the Yxy color 40.9736, 0.3856, 0.3566.

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

40.9736, 0.3856, 0.3566

Protanopia

40.9327, 0.3464, 0.3676

Deuteranopia

40.9958, 0.3726, 0.3655



Tritanopia

41.0512, 0.3599, 0.3145

Trichromacy



Original Color

40.9736, 0.3856, 0.3566

Protanomaly

40.7670, 0.3602, 0.3638

Deuteranomaly

40.8379, 0.3774, 0.3625

Tritanomaly

40.8444, 0.3697, 0.3292

Monochromacy



Original Color

40.9736, 0.3856, 0.3566

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1081, 0.3376, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9736, 0.3856, 0.3566 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(212, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(212, 160, 138)  
}
```

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(212, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 160, 138) }
```

Border

The CSS property to change the border of an element to Yxy 40.9736, 0.3856, 0.3566 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(212, 160, 138) }
```

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

```
.border{ border-color:rgb(212, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(212, 160,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9736, 0.3856, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 160, 138) }
```

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

```
.background{ background-color: rgb(212,  
160, 138) }
```

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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