

Converting Colors

$Y_{xy}(40.6642, 0.4252, 0.4108)$

Have a look what the booklet for
Yxy(40.6642, 0.4252, 0.4108)
contains.

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Color

Yxy(40.6459, 0.4254, 0.4108)

Conversions

Conversions Part 1

Format	Color
Hex	D4A25E
RGB	212, 162, 94
RGB Percent	83%, 64%, 37%
CMY	0.1686, 0.3647, 0.6315
CMYK	0.00, 0.24, 0.56, 0.17
HSL	35°, 58%, 60%
HSV	35°, 56%, 83%
XYZ	42.0905, 40.6459, 16.2069
YIQ	169.1980, 51.6280, -10.5480

Conversions

Conversions Part 2

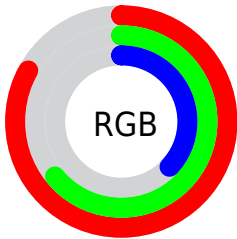
Format	Color
RYB	181, 212, 94
Decimal	13935198
CIELab	69.93, 10.74, 42.16
CIELCh	70, 43.503, 75.713
Yxy	40.6459, 0.4254, 0.4108
Android (android.graphics.Color)	4292125278 (0xFFD4A25E)
YUV	169.1980, -37.0726, 37.5374
Hunter-Lab	63.7541, 6.2759, 29.5558

Details

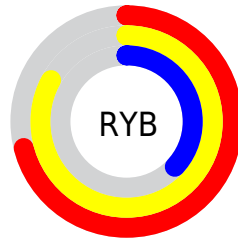
The Yxy color **40.6459, 0.4254, 0.4108** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **27.0627, 0.2212, 0.2262**, and the grayscale version is **39.9467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9610, 0.3920, 0.4015**, and **18.4284, 0.4539, 0.4293** is the 20% darker color. If you saturate the color by 10%, you get **37.2670, 0.4497, 0.4217**, and if you desaturate by 10%, it is **44.3591, 0.4014, 0.3973**.

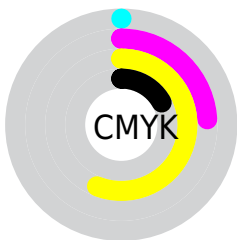
Distribution



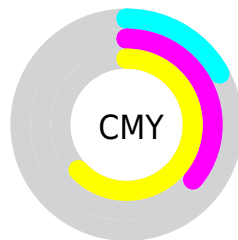
- Red (83%)
- Green (64%)
- Blue (37%)



- Red (71%)
- Yellow (83%)
- Blue (37%)



- Cyan (0%)
- Magenta (24%)
- Yellow (56%)
- Black (17%)




- Cyan (17%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6459, 0.4254, 0.4108 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 40.6459, 0.4254, 0.4108 by changing the saturation by 10% instead.

 40.6459, 0.4254,
0.4108


 40.6459, 0.4254,
0.4108


348.8385, 0.3690,
0.3722

 28.0425, 0.4388,
0.4190


 76.1461, 0.4053,
0.3977

 18.3577, 0.4553,
0.4286

 99.8116, 0.3976,
0.3925

 11.2071, 0.4757,
0.4391


 127.9334, 0.3910,
0.3879

 6.2063, 0.5016,
0.4505

 160.8957, 0.3854,
0.3840

 2.9709, 0.5375,
0.4625

199.0829, 0.3805,
0.3805

 1.1166, 0.5559,
0.4441

242.8796, 0.3762,

 0.0000, 1.0000,

0.3774

0.0000

292.6699, 0.3724,
0.3747

0.0000, 0.0000,
0.0000

40.6459, 0.4254,
0.4108

40.6459, 0.4254,
0.4108

37.2670, 0.4497,
0.4217

44.3591, 0.4014,
0.3973

34.2030, 0.4732,
0.4289

48.4131, 0.3787,
0.3824

31.4408, 0.4945,
0.4311

52.8212, 0.3576,
0.3670

28.9629, 0.5125,
0.4280

57.5943, 0.3386,
0.3517

27.9688, 0.5195,
0.4257

62.7425, 0.3215,
0.3370

■ 68.2754, 0.3064,
0.3231

■ 74.2025, 0.2931,
0.3102

■ 79.9689, 0.2861,
0.3068

■ 85.2067, 0.2866,
0.3163

Harmonies

Analogous

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



40.6459, 0.4394, 0.3649



40.6459, 0.4254, 0.4108



40.6459, 0.3809, 0.4416

Triad

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



40.6459, 0.4254, 0.4108



40.6459, 0.2186, 0.3297



40.6459, 0.2942, 0.2429

Complementary

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



40.6459, 0.4254, 0.4108



27.0627, 0.2212, 0.2262

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.



40.6459, 0.2405, 0.2303



40.6459, 0.4254, 0.4108



40.6459, 0.2006, 0.2728

Square

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



40.6459, 0.4254, 0.4108



40.6459, 0.2614, 0.3952



40.6459, 0.2083, 0.2393



40.6459, 0.3592, 0.2735

Rectangle

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



40.6459, 0.4254, 0.4108



40.6459, 0.3415, 0.4446



40.6459, 0.2083, 0.2393



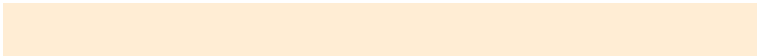
40.6459, 0.2743, 0.2365

Sweetspot

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



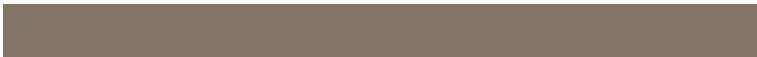
40.6479, 0.4254, 0.4108



86.3564, 0.3413, 0.3540



24.0430, 0.4036, 0.2675



18.1627, 0.3451, 0.3571



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.



40.6479, 0.4254, 0.4108



55.6223, 0.4546, 0.4235



60.7496, 0.3858, 0.4641



13.5978, 0.3277, 0.3424



17.4690, 0.5177, 0.4271



1.2161, 0.4962, 0.4442

Inverse Universe

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



27.0627, 0.2212, 0.2262



33.0592, 0.2030, 0.1992



15.5666, 0.2112, 0.1540



12.8646, 0.2982, 0.3152



7.6156, 0.1707, 0.1343



0.6213, 0.1801, 0.1684

Previews

White Background



This preview shows how the Yxy color 40.6459, 0.4254, 0.4108 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 40.6459, 0.4254, 0.4108 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 40.6459, 0.4254, 0.4108

Background



This preview shows how black text looks on a background with the Yxy color 40.6459, 0.4254, 0.4108.



This preview shows how white text looks on a background with the Yxy color 40.6459, 0.4254, 0.4108.

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

40.6459, 0.4254, 0.4108

Protanopia

40.6803, 0.3930, 0.4267

Deuteranopia

40.5578, 0.4217, 0.4130



Tritanopia

40.7332, 0.3665, 0.3159

Trichromacy



Original Color

40.6459, 0.4254, 0.4108

Protanomaly

40.7201, 0.4047, 0.4210

Deuteranomaly

40.7042, 0.4227, 0.4126

Tritanomaly

40.5770, 0.3899, 0.3513

Monochromacy



Original Color

40.6459, 0.4254, 0.4108

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5397, 0.3526, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6459, 0.4254, 0.4108 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, 162, 94)` looks like.

```
.text, #text, p{  
    color:rgb(212, 162, 94)  
}
```

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, 162, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 162, 94) }
```

Border

The CSS property to change the border of an element to Yxy 40.6459, 0.4254, 0.4108 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, 162, 94) }
```

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

```
.border{ border-color:rgb(212, 162, 94) }
```

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

Here you see how a box with a 4 pixel rgb(212, 162, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 162, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 162, 94);  
box-shadow:4px 4px 4px 4px rgb(212, 162,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6459, 0.4254, 0.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 162, 94) }
```

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

```
.background{ background-color: rgb(212,  
162, 94) }
```

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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