

Converting Colors

$Y_{xy}(41.5522, 0.4061, 0.3820)$

Have a look what the booklet for
Yxy(41.5522, 0.4061, 0.3820)
contains.

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Color

Yxy(41.6196, 0.4060, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	D7A277
RGB	215, 162, 119
RGB Percent	84%, 64%, 47%
CMY	0.1569, 0.3646, 0.5334
CMYK	0.00, 0.25, 0.45, 0.16
HSL	27°, 55%, 65%
HSV	27°, 45%, 84%
XYZ	44.2692, 41.6196, 23.1487
YIQ	172.9450, 45.3910, -2.1370

Conversions

Conversions Part 2

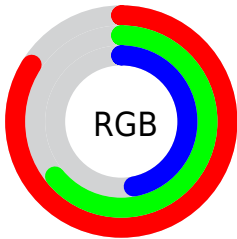
Format	Color
R_{YB}	215, 197, 119
Decimal	14131831
CIE _{Lab}	70.61, 14.27, 29.96
CIE _{LCh}	71, 33.181, 64.533
Yxy	41.6196, 0.4060, 0.3817
Android (android.graphics.Color)	4292321911 (0xFFD7A277)
YUV	172.9450, -26.5949, 36.8822
Hunter-Lab	64.5133, 9.5891, 23.8848

Details

The Yxy color **41.6196, 0.4060, 0.3817** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.3129, 0.2424, 0.2684**, and the grayscale version is **41.8805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8643, 0.3735, 0.3754**, and **18.8632, 0.4331, 0.3931** is the 20% darker color. If you saturate the color by 10%, you get **37.1779, 0.4341, 0.3924**, and if you desaturate by 10%, it is **46.5763, 0.3803, 0.3698**.

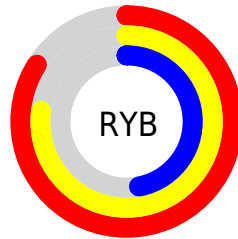
Distribution



Red (84%)

Green (64%)

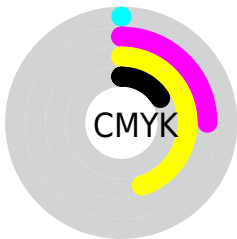
Blue (47%)



Red (84%)

Yellow (77%)

Blue (47%)

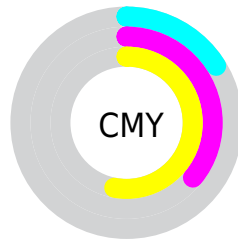


Cyan (0%)

Magenta (25%)

Yellow (45%)

Black (16%)



Cyan (16%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6196, 0.4060, 0.3817 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 41.6196, 0.4060, 0.3817 by changing the saturation by 10% instead.


 41.6196, 0.4060,
0.3817

 41.6196, 0.4060,
0.3817


352.9036, 0.3585,
0.3568


 28.8035, 0.4179,
0.3872


 77.6236, 0.3887,
0.3731

 18.9323, 0.4330,
0.3939


 101.5803, 0.3822,
0.3697

 11.6213, 0.4527,
0.4017


 130.0194, 0.3767,
0.3668

 6.4864, 0.4793,
0.4104

163.3251, 0.3720,
0.3643

 3.1430, 0.5230,
0.4244

201.8821, 0.3680,
0.3620

 1.2069, 0.5747,
0.4253

246.0745, 0.3644,

 0.0673, 0.8597,

0.3601

0.1403

296.2869, 0.3613,
0.3583

0.0000, 0.0000,
0.0000

41.6196, 0.4060,
0.3817

41.6196, 0.4060,
0.3817

37.1779, 0.4341,
0.3924

46.5763, 0.3803,
0.3698

33.2265, 0.4638,
0.4008

52.0597, 0.3575,
0.3576

29.7470, 0.4937,
0.4056

58.0885, 0.3374,
0.3456

26.7171, 0.5218,
0.4056

64.6785, 0.3200,
0.3341

24.1116, 0.5460,
0.4001

71.8449, 0.3049,
0.3233

■ 22.8760, 0.5574,
0.3956

■ 79.6022, 0.2919,
0.3134

■ 86.9968, 0.2884,
0.3187

■ 93.1839, 0.2888,
0.3289

Harmonies

Analogous

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



41.6196, 0.4049, 0.3446



41.6196, 0.4060, 0.3817



41.6196, 0.3807, 0.4091

Triad

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



41.6196, 0.4060, 0.3817



41.6196, 0.2510, 0.3488



41.6196, 0.2821, 0.2561

Complementary

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



41.6196, 0.4060, 0.3817



38.3129, 0.2424, 0.2684

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.



41.6196, 0.2454, 0.2528



41.6196, 0.4060, 0.3817



41.6196, 0.2285, 0.3020

Square

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



41.6196, 0.4060, 0.3817



41.6196, 0.2906, 0.3929



41.6196, 0.2267, 0.2681



41.6196, 0.3301, 0.2755

Rectangle

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



41.6196, 0.4060, 0.3817



41.6196, 0.3535, 0.4163



41.6196, 0.2267, 0.2681



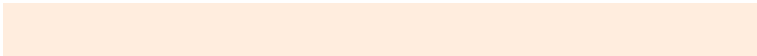
41.6196, 0.2682, 0.2531

Sweetspot

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



41.6216, 0.4060, 0.3817



86.9261, 0.3346, 0.3438



30.6667, 0.3628, 0.2637



18.1613, 0.3387, 0.3464



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.



41.6216, 0.4060, 0.3817



54.8009, 0.4337, 0.3923



61.1704, 0.3816, 0.4319



13.3282, 0.3280, 0.3395



13.8906, 0.5549, 0.3976



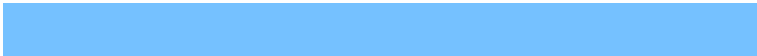
1.0017, 0.5257, 0.4208

Inverse Universe

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



38.3129, 0.2424, 0.2684



49.2851, 0.2278, 0.2519



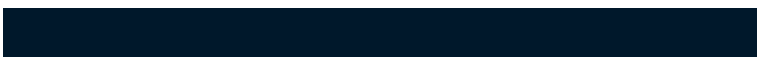
23.5918, 0.2305, 0.1995



13.1333, 0.2982, 0.3183



10.9876, 0.1823, 0.1763



0.8269, 0.1903, 0.2050

Previews

White Background



This preview shows how the Yxy color 41.6196, 0.4060, 0.3817 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 41.6196, 0.4060, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

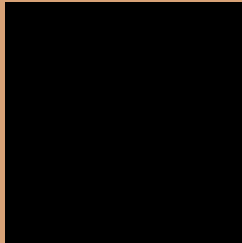
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6196, 0.4060, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 41.6196, 0.4060, 0.3817.



This preview shows how white text looks on a background with the Yxy color 41.6196, 0.4060, 0.3817.

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

41.6196, 0.4060, 0.3817

Protanopia

41.7815, 0.3674, 0.3953

Deuteranopia

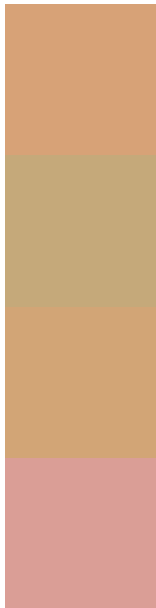
41.8458, 0.3968, 0.3894



Tritanopia

41.6642, 0.3639, 0.3147

Trichromacy



Original Color

41.6196, 0.4060, 0.3817

Protanomaly

41.6514, 0.3818, 0.3904

Deuteranomaly

41.9199, 0.4003, 0.3875

Tritanomaly

41.5612, 0.3804, 0.3389

Monochromacy



Original Color

41.6196, 0.4060, 0.3817

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.3672, 0.3447, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6196, 0.4060, 0.3817 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(215, 162, 119)` looks like.

```
.text, #text, p{  
    color:rgb(215, 162, 119)  
}
```

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(215, 162, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 162, 119) }
```

Border

The CSS property to change the border of an element to Yxy 41.6196, 0.4060, 0.3817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

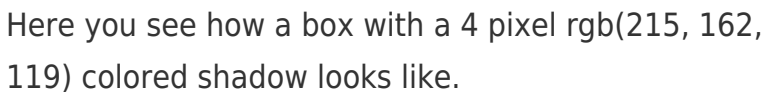
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 162, 119) }
```

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

```
.border{ border-color:rgb(215, 162, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 162, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 162, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 162, 119); box-shadow:4px 4px 4px 4px rgb(215, 162, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6196, 0.4060, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 162, 119) }
```

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

```
.background{ background-color: rgb(215,  
162, 119) }
```

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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