

Converting Colors

$Yxy(40.9835, 0.3750, 0.3447)$

Have a look what the booklet for
Yxy(40.9835, 0.3750, 0.3447)
contains.

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Color

Yxy(41.0971, 0.3757, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	D3A093
RGB	211, 160, 147
RGB Percent	83%, 63%, 58%
CMY	0.1725, 0.3725, 0.4235
CMYK	0.00, 0.24, 0.30, 0.17
HSL	12°, 42%, 70%
HSV	12°, 30%, 83%
XYZ	44.7023, 41.0971, 33.1847
YIQ	173.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

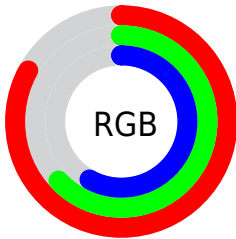
Format	Color
R _Y B	211, 163, 147
Decimal	13869203
CIE Lab	70.24, 17.10, 14.10
CIE LCh	70, 22.162, 39.521
Yxy	41.0971, 0.3757, 0.3454
Android (android.graphics.Color)	4292059283 (0xFFD3A093)
YUV	173.7670, -13.1961, 32.6533
Hunter-Lab	64.1070, 12.2821, 14.1838

Details

The Yxy color **41.0971, 0.3757, 0.3454** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.3003, 0.2674, 0.3119**, and the grayscale version is **42.2588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0779, 0.3527, 0.3434**, and **18.5382, 0.3956, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **35.0545, 0.4053, 0.3510**, and if you desaturate by 10%, it is **48.0537, 0.3509, 0.3397**.

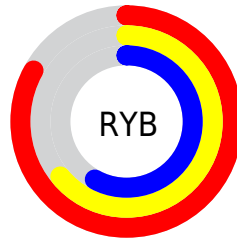
Distribution



Red (83%)

Green (63%)

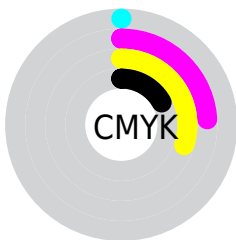
Blue (58%)



Red (83%)

Yellow (64%)

Blue (58%)

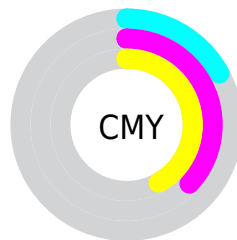


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (17%)



Cyan (17%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0971, 0.3757, 0.3454 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 41.0971, 0.3757, 0.3454 by changing the saturation by 10% instead.


 41.0971, 0.3757,
0.3454


 41.0971, 0.3757,
0.3454


350.7263, 0.3432,
0.3378

 28.3950, 0.3841,
0.3471


 76.8313, 0.3637,
0.3428

 18.6236, 0.3950,
0.3491


 100.6321, 0.3592,
0.3418

 11.3986, 0.4098,
0.3514


128.9013, 0.3555,
0.3409

 6.3356, 0.4308,
0.3541

162.0232, 0.3523,
0.3401

 3.0502, 0.4630,
0.3567

200.3823, 0.3496,
0.3394

 1.1580, 0.5441,
0.3753

244.3629, 0.3472,

 0.0270, 0.9426,

0.3388

0.0574

294.3494, 0.3451,
0.3383

0.0000, 0.0000,
0.0000

41.0971, 0.3757,
0.3454

41.0971, 0.3757,
0.3454

35.0545, 0.4053,
0.3510

48.0537, 0.3509,
0.3397

29.8820, 0.4398,
0.3560

55.9544, 0.3303,
0.3343

25.5408, 0.4787,
0.3598

64.8349, 0.3132,
0.3292

21.9866, 0.5200,
0.3613

74.7275, 0.2991,
0.3245

19.1710, 0.5601,
0.3597

85.6627, 0.2874,
0.3202

■ 17.0400, 0.5942,
0.3545

■ 92.5892, 0.2866,
0.3289

■ 15.5652, 0.6184,
0.3472

Harmonies

Analogous

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



41.0971, 0.3595, 0.3186



41.0971, 0.3757, 0.3454



41.0971, 0.3739, 0.3697

Triad

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



41.0971, 0.3757, 0.3454



41.0971, 0.2933, 0.3667



41.0971, 0.2703, 0.2761

Complementary

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



41.0971, 0.3757, 0.3454



51.3003, 0.2674, 0.3119

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.



41.0971, 0.2546, 0.2854



41.0971, 0.3757, 0.3454



41.0971, 0.2674, 0.3374

Square

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



41.0971, 0.3757, 0.3454



41.0971, 0.3254, 0.3844



41.0971, 0.2536, 0.3073



41.0971, 0.2975, 0.2800

Rectangle

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



41.0971, 0.3757, 0.3454



41.0971, 0.3629, 0.3813



41.0971, 0.2536, 0.3073



41.0971, 0.2636, 0.2777

Sweetspot

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



41.0990, 0.3757, 0.3454



87.4893, 0.3280, 0.3336



38.8070, 0.3280, 0.2679



18.3187, 0.3307, 0.3344



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.



41.0990, 0.3757, 0.3454



57.3010, 0.3930, 0.3488



53.5699, 0.3644, 0.3833



12.1914, 0.3286, 0.3338



9.5116, 0.6161, 0.3490



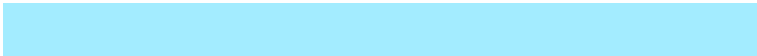
0.6471, 0.5807, 0.3771

Inverse Universe

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



51.3003, 0.2674, 0.3119



75.2274, 0.2591, 0.3079



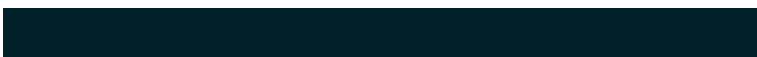
38.2559, 0.2624, 0.2680



12.9824, 0.2983, 0.3242



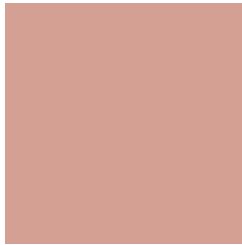
19.9247, 0.2064, 0.2629



1.2198, 0.2101, 0.2764

Previews

White Background



This preview shows how the Yxy color 41.0971, 0.3757, 0.3454 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 41.0971, 0.3757, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

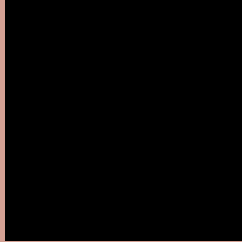
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0971, 0.3757, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 41.0971, 0.3757, 0.3454.



This preview shows how white text looks on a background with the Yxy color 41.0971, 0.3757, 0.3454.

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

41.0971, 0.3757, 0.3454

Protanopia

41.5083, 0.3364, 0.3550

Deuteranopia

41.3535, 0.3617, 0.3552



Tritanopia

41.1246, 0.3567, 0.3144

Trichromacy



Original Color

41.0971, 0.3757, 0.3454

Protanomaly

41.3160, 0.3496, 0.3517

Deuteranomaly

41.3228, 0.3673, 0.3522

Tritanomaly

41.0240, 0.3634, 0.3254

Monochromacy



Original Color

41.0971, 0.3757, 0.3454

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6211, 0.3338, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0971, 0.3757, 0.3454 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(211, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(211, 160, 147)  
}
```

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(211, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 160, 147) }
```

Border

The CSS property to change the border of an element to Yxy 41.0971, 0.3757, 0.3454 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(211, 160, 147) }
```

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

```
.border{ border-color:rgb(211, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(211, 160,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0971, 0.3757, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 160, 147) }
```

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

```
.background{ background-color: rgb(211,  
160, 147) }
```

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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