

Converting Colors

$Yxy(41.8207, 0.3745, 0.3548)$

Have a look what the booklet for
Yxy(41.8207, 0.3745, 0.3548)
contains.

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Color

Yxy(41.9440, 0.3752, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	D0A48F
RGB	208, 164, 143
RGB Percent	82%, 64%, 56%
CMY	0.1841, 0.3569, 0.4392
CMYK	0.00, 0.21, 0.31, 0.18
HSL	19°, 41%, 69%
HSV	19°, 31%, 82%
XYZ	44.2559, 41.9440, 31.7529
YIQ	174.7620, 32.9650, 2.7970

Conversions

Conversions Part 2

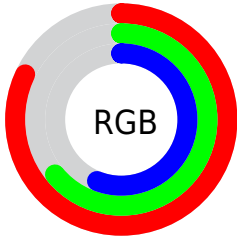
Format	Color
R _Y B	208, 174, 143
Decimal	13673615
CIE Lab	70.83, 13.26, 17.08
CIE LCh	71, 21.625, 52.178
Yxy	41.9440, 0.3752, 0.3556
Android (android.graphics.Color)	4291863695 (0xFFD0A48F)
YUV	174.7620, -15.6587, 29.1497
Hunter-Lab	64.7642, 8.6386, 16.2660

Details

The Yxy color $41.9440, 0.3752, 0.3556$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $45.9665, 0.2649, 0.3006$, and the grayscale version is $42.8128, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.9543, 0.3548, 0.3516$, and $19.0541, 0.3930, 0.3615$ is the 20% darker color. If you saturate the color by 10%, you get $36.6050, 0.4026, 0.3644$, and if you desaturate by 10%, it is $47.9629, 0.3516, 0.3467$.

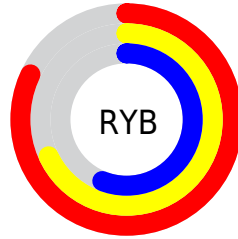
Distribution



Red (82%)

Green (64%)

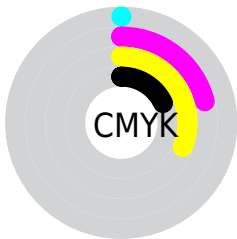
Blue (56%)



Red (82%)

Yellow (68%)

Blue (56%)

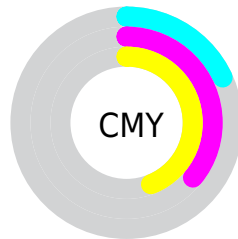


Cyan (0%)

Magenta (21%)

Yellow (31%)

Black (18%)



Cyan (18%)


Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9440, 0.3752, 0.3556 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 41.9440, 0.3752, 0.3556 by changing the saturation by 10% instead.


 41.9440, 0.3752,
0.3556


 41.9440, 0.3752,
0.3556


354.2507, 0.3432,
0.3428

 29.0574, 0.3834,
0.3586


 78.1149, 0.3634,
0.3511

 19.1243, 0.3941,
0.3622

 102.1680, 0.3590,
0.3494

 11.7601, 0.4084,
0.3668

130.7120, 0.3553,
0.3479

 6.5806, 0.4286,
0.3726

164.1315, 0.3522,
0.3466

 3.2012, 0.4590,
0.3796

202.8107, 0.3495,
0.3455

 1.2377, 0.5470,
0.4156

247.1340, 0.3471,

 0.0921, 0.8170,

0.3445

0.1830

297.4859, 0.3450,
0.3436

■ 0.0000, 0.0000,
0.0000

■ 41.9440, 0.3752,
0.3556

■ 41.9440, 0.3752,
0.3556

■ 36.6050, 0.4026,
0.3644

■ 47.9629, 0.3516,
0.3467

■ 31.9154, 0.4337,
0.3724

■ 54.6792, 0.3316,
0.3381

■ 27.8510, 0.4680,
0.3787

■ 62.1169, 0.3147,
0.3300

■ 24.3835, 0.5040,
0.3822

■ 70.2972, 0.3003,
0.3225

■ 21.4824, 0.5391,
0.3816

■ 79.2402, 0.2882,
0.3156

■ 19.1137, 0.5699,
0.3761

■ 88.1109, 0.2846,
0.3222

■ 17.4433, 0.5919,
0.3682

■ 92.1566, 0.2849,
0.3289

Harmonies

Analogous

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



41.9440, 0.3666, 0.3299



41.9440, 0.3752, 0.3556



41.9440, 0.3661, 0.3762

Triad

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



41.9440, 0.3752, 0.3556



41.9440, 0.2822, 0.3543



41.9440, 0.2816, 0.2777

Complementary

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



41.9440, 0.3752, 0.3556



45.9665, 0.2649, 0.3006

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.



41.9440, 0.2611, 0.2813



41.9440, 0.3752, 0.3556



41.9440, 0.2614, 0.3244

Square

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



41.9440, 0.3752, 0.3556



41.9440, 0.3117, 0.3773



41.9440, 0.2540, 0.2977



41.9440, 0.3113, 0.2864

Rectangle

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



41.9440, 0.3752, 0.3556



41.9440, 0.3516, 0.3838



41.9440, 0.2540, 0.2977



41.9440, 0.2735, 0.2775

Sweetspot

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



41.9460, 0.3752, 0.3556



89.0873, 0.3277, 0.3363



36.6713, 0.3360, 0.2747



18.7101, 0.3304, 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.



41.9460, 0.3752, 0.3556



60.2800, 0.3945, 0.3620



54.9353, 0.3635, 0.3935



12.4219, 0.3283, 0.3366



11.0227, 0.5893, 0.3703



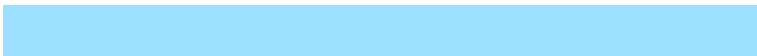
0.7593, 0.5531, 0.3990

Inverse Universe

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



45.9665, 0.2649, 0.3006



67.6738, 0.2544, 0.2930



33.8168, 0.2595, 0.2549



12.7373, 0.2983, 0.3213



14.8765, 0.1947, 0.2208



0.9722, 0.2008, 0.2430

Previews

White Background



This preview shows how the Yxy color 41.9440, 0.3752, 0.3556 looks on a white background.

Color Contrast Check

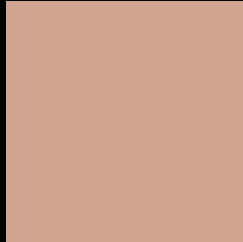
Large Text (above 18pt) WCAG AA × Fail

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 41.9440, 0.3752, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

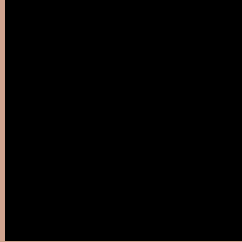
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9440, 0.3752, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 41.9440, 0.3752, 0.3556.



This preview shows how white text looks on a background with the Yxy color 41.9440, 0.3752, 0.3556.

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

41.9440, 0.3752, 0.3556

Protanopia

42.0610, 0.3443, 0.3644

Deuteranopia

42.0079, 0.3681, 0.3614



Tritanopia

41.9691, 0.3511, 0.3144

Trichromacy



Original Color

41.9440, 0.3752, 0.3556

Protanomaly

42.0312, 0.3546, 0.3609

Deuteranomaly

42.0628, 0.3714, 0.3598

Tritanomaly

41.7646, 0.3606, 0.3291

Monochromacy



Original Color

41.9440, 0.3752, 0.3556

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3350, 0.3343, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9440, 0.3752, 0.3556 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, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(208, 164, 143)  
}
```

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, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 164, 143) }
```

Border

The CSS property to change the border of an element to Yxy 41.9440, 0.3752, 0.3556 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, 164, 143) }
```

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

```
.border{ border-color:rgb(208, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(208, 164,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9440, 0.3752, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 164, 143) }
```

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

```
.background{ background-color: rgb(208,  
164, 143) }
```

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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