

Converting Colors

$Yxy(40.9056, 0.3734, 0.3528)$

Have a look what the booklet for
Yxy(40.9056, 0.3734, 0.3528)
contains.

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Color

Yxy(40.9456, 0.3739, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	CEA28F
RGB	206, 162, 143
RGB Percent	81%, 64%, 56%
CMY	0.1922, 0.3647, 0.4391
CMYK	0.00, 0.21, 0.31, 0.19
HSL	18°, 39%, 68%
HSV	18°, 31%, 81%
XYZ	43.3330, 40.9456, 31.6161
YIQ	172.9900, 32.3230, 3.4190

Conversions

Conversions Part 2

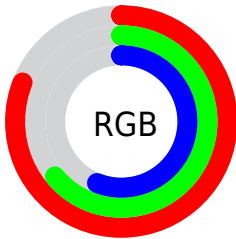
Format	Color
R_{YB}	206, 170, 143
Decimal	13542031
CIE _{Lab}	70.14, 13.54, 16.08
CIE _{LCh}	70, 21.019, 49.890
Yxy	40.9456, 0.3739, 0.3533
Android (android.graphics.Color)	4291732111 (0xFFCEA28F)
YUV	172.9900, -14.7851, 28.9498
Hunter-Lab	63.9887, 8.8995, 15.4976

Details

The Yxy color $40.9456, 0.3739, 0.3533$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $45.8480, 0.2662, 0.3032$, and the grayscale version is $41.8500, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.9169, 0.3552, 0.3496$, and $18.5215, 0.3930, 0.3583$ is the 20% darker color. If you saturate the color by 10%, you get $35.5955, 0.4014, 0.3615$, and if you desaturate by 10%, it is $46.9945, 0.3503, 0.3450$.

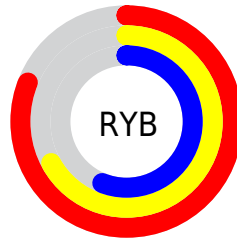
Distribution



Red (81%)

Green (64%)

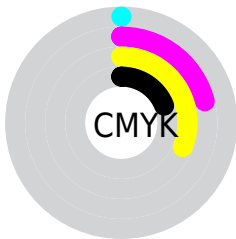
Blue (56%)



Red (81%)

Yellow (67%)

Blue (56%)

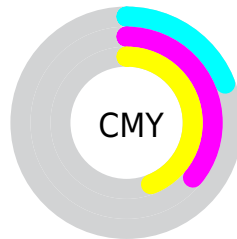


Cyan (0%)

Magenta (21%)

Yellow (31%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9456, 0.3739, 0.3533 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 40.9456, 0.3739, 0.3533 by changing the saturation by 10% instead.


 40.9456, 0.3739,
0.3533


 40.9456, 0.3739,
0.3533

350.0932, 0.3424,
0.3416

 28.2766, 0.3820,
0.3560


 76.6013, 0.3623,
0.3492

 18.5343, 0.3926,
0.3594


 100.3568, 0.3579,
0.3476

 11.3342, 0.4069,
0.3636


128.5765, 0.3543,
0.3463

 6.2921, 0.4272,
0.3688

161.6449, 0.3512,
0.3451

 3.0235, 0.4579,
0.3752

199.9464, 0.3486,
0.3441

 1.1440, 0.5517,
0.4129

243.8654, 0.3462,

 0.0153, 0.9577,

0.3431

0.0423

293.7862, 0.3442,
0.3423

0.0000, 0.0000,
0.0000

40.9456, 0.3739,
0.3533

40.9456, 0.3739,
0.3533

35.5955, 0.4014,
0.3615

46.9945, 0.3503,
0.3450

30.9127, 0.4329,
0.3691

53.7608, 0.3304,
0.3370

26.8718, 0.4679,
0.3751


61.2696, 0.3136,
0.3294

23.4431, 0.5048,
0.3783

69.5429, 0.2994,
0.3224

20.5947, 0.5410,
0.3777

78.6019, 0.2875,
0.3160

 18.2911, 0.5729,
0.3725

 87.6952, 0.2834,
0.3220

 16.5754, 0.5971,
0.3641

 91.8616, 0.2838,
0.3289

Harmonies

Analogous

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



40.9456, 0.3642, 0.3279



40.9456, 0.3739, 0.3533



40.9456, 0.3663, 0.3741

Triad

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



40.9456, 0.3739, 0.3533



40.9456, 0.2848, 0.3559



40.9456, 0.2803, 0.2785

Complementary

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



40.9456, 0.3739, 0.3533



45.8480, 0.2662, 0.3032

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.



40.9456, 0.2611, 0.2831



40.9456, 0.3739, 0.3533



40.9456, 0.2636, 0.3268

Square

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



40.9456, 0.3739, 0.3533



40.9456, 0.3141, 0.3774



40.9456, 0.2551, 0.3001



40.9456, 0.3089, 0.2862

Rectangle

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



40.9456, 0.3739, 0.3533



40.9456, 0.3527, 0.3821



40.9456, 0.2551, 0.3001



40.9456, 0.2726, 0.2786

Sweetspot

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



40.9475, 0.3739, 0.3533



88.8022, 0.3278, 0.3358



36.3670, 0.3343, 0.2747



18.6402, 0.3304, 0.3370



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.



40.9475, 0.3739, 0.3533



60.2517, 0.3924, 0.3590



53.4245, 0.3627, 0.3908



11.7557, 0.3283, 0.3360



10.3569, 0.5944, 0.3662



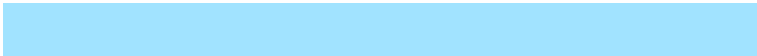
0.6685, 0.5553, 0.3973

Inverse Universe

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



45.8480, 0.2662, 0.3032



69.4624, 0.2562, 0.2964



33.9481, 0.2611, 0.2584



12.1340, 0.2983, 0.3219



15.1888, 0.1968, 0.2285



0.9128, 0.2029, 0.2505

Previews

White Background



This preview shows how the Yxy color 40.9456, 0.3739, 0.3533 looks on a white background.

Color Contrast Check

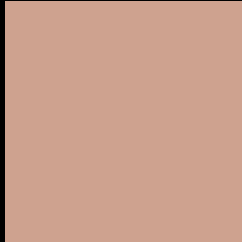
Large Text (above 18pt) WCAG AA × Fail

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 40.9456, 0.3739, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

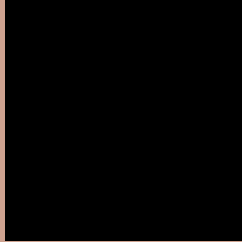
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9456, 0.3739, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 40.9456, 0.3739, 0.3533.



This preview shows how white text looks on a background with the Yxy color 40.9456, 0.3739, 0.3533.

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

40.9456, 0.3739, 0.3533

Protanopia

40.9672, 0.3410, 0.3607

Deuteranopia

41.0054, 0.3668, 0.3591



Tritanopia

40.9113, 0.3516, 0.3142

Trichromacy



Original Color

40.9456, 0.3739, 0.3533

Protanomaly

40.8994, 0.3523, 0.3586

Deuteranomaly

41.0605, 0.3702, 0.3575

Tritanomaly

40.7442, 0.3602, 0.3279

Monochromacy



Original Color

40.9456, 0.3739, 0.3533

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2989, 0.3337, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9456, 0.3739, 0.3533 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(206, 162, 143)` looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 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(206, 162, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 143) }
```

Border

The CSS property to change the border of an element to Yxy 40.9456, 0.3739, 0.3533 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(206, 162, 143) }
```

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

```
.border{ border-color:rgb(206, 162, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 162, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 162, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 162, 143);  
box-shadow:4px 4px 4px 4px rgb(206, 162,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9456, 0.3739, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 143) }
```

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

```
.background{ background-color: rgb(206,  
162, 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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