

Converting Colors

$Yxy(39.7612, 0.3555, 0.3445)$

Have a look what the booklet for
Yxy(39.7612, 0.3555, 0.3445)
contains.

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Color

Yxy(39.6771, 0.3552, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	C3A297
RGB	195, 162, 151
RGB Percent	76%, 64%, 59%
CMY	0.2352, 0.3647, 0.4078
CMYK	0.00, 0.17, 0.23, 0.24
HSL	15°, 27%, 68%
HSV	15°, 23%, 76%
XYZ	41.0166, 39.6771, 34.7810
YIQ	170.6130, 23.1990, 3.5750

Conversions

Conversions Part 2

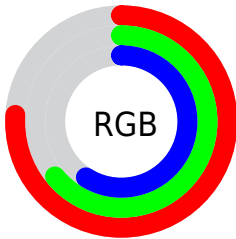
Format	Color
RYB	195, 166, 151
Decimal	12821143
CIELab	69.24, 10.43, 10.25
CIELCh	69, 14.623, 44.482
Yxy	39.6771, 0.3552, 0.3436
Android (android.graphics.Color)	4291011223 (0xFFC3A297)
YUV	170.6130, -9.6692, 21.3874
Hunter-Lab	62.9898, 6.0005, 11.3548

Details

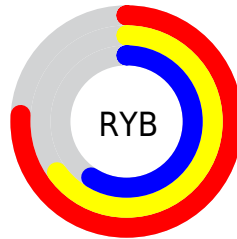
The Yxy color $39.6771, 0.3552, 0.3436$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $44.8193, 0.2785, 0.3139$, and the grayscale version is $40.5633, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.7289, 0.3471, 0.3414$, and $17.7347, 0.3692, 0.3472$ is the 20% darker color. If you saturate the color by 10%, you get $34.2371, 0.3802, 0.3505$, and if you desaturate by 10%, it is $45.8257, 0.3342, 0.3369$.

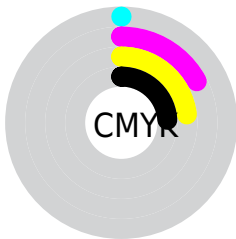
Distribution



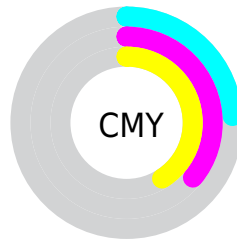
- Red (76%)
- Green (64%)
- Blue (59%)



- Red (76%)
- Yellow (65%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (24%)




- Cyan (24%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6771, 0.3552, 0.3436 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 39.6771, 0.3552, 0.3436 by changing the saturation by 10% instead.


 39.6771, 0.3552,
0.3436


 39.6771, 0.3552,
0.3436


344.7607, 0.3332,
0.3365

 27.2869, 0.3609,
0.3453


 74.6716, 0.3470,
0.3410

 17.7888, 0.3684,
0.3475


 98.0446, 0.3440,
0.3401

 10.7985, 0.3786,
0.3503


125.8473, 0.3415,
0.3392

 5.9315, 0.3934,
0.3540

158.4642, 0.3394,
0.3385

 2.8035, 0.4164,
0.3590

196.2796, 0.3375,
0.3379

 1.0300, 0.4744,
0.3793

239.6779, 0.3359,

 0.0000, 1.0000,

0.3374

0.0000

289.0434, 0.3345,
0.3369

0.0000, 0.0000,
0.0000

39.6771, 0.3552,
0.3436

39.6771, 0.3552,
0.3436

34.2371, 0.3802,
0.3505

45.8257, 0.3342,
0.3369

29.4746, 0.4095,
0.3573

52.7017, 0.3167,
0.3306

25.3642, 0.4433,
0.3633

60.3301, 0.3021,
0.3247

21.8768, 0.4808,
0.3676

68.7330, 0.2899,
0.3193

18.9809, 0.5200,
0.3694

77.9315, 0.2796,
0.3144

■ 16.6421, 0.5577,
0.3674

■ 87.0781, 0.2774,
0.3234

■ 14.8222, 0.5895,
0.3613

■ 90.3448, 0.2778,
0.3289

■ 13.7733, 0.6084,
0.3551

Harmonies

Analogous

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



39.6771, 0.3463, 0.3253



39.6771, 0.3552, 0.3436



39.6771, 0.3522, 0.3590

Triad

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



39.6771, 0.3552, 0.3436



39.6771, 0.2966, 0.3509



39.6771, 0.2868, 0.2929

Complementary

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



39.6771, 0.3552, 0.3436



44.8193, 0.2785, 0.3139

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.



39.6771, 0.2745, 0.2982



39.6771, 0.3552, 0.3436



39.6771, 0.2800, 0.3315

Square

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



39.6771, 0.3552, 0.3436



39.6771, 0.3180, 0.3641



39.6771, 0.2720, 0.3121



39.6771, 0.3063, 0.2968

Rectangle

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



39.6771, 0.3552, 0.3436



39.6771, 0.3440, 0.3653



39.6771, 0.2720, 0.3121



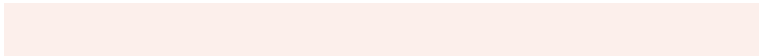
39.6771, 0.2817, 0.2936

Sweetspot

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



39.6789, 0.3552, 0.3436



88.6081, 0.3243, 0.3334



37.2354, 0.3248, 0.2858



19.2377, 0.3254, 0.3338



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.



39.6789, 0.3552, 0.3436



66.1641, 0.3668, 0.3470



47.8245, 0.3494, 0.3706



10.4772, 0.3283, 0.3348



9.0642, 0.6061, 0.3570



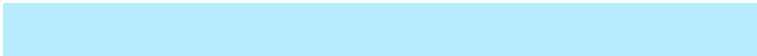
0.5054, 0.5610, 0.3928

Inverse Universe

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



44.8193, 0.2785, 0.3139



76.9528, 0.2714, 0.3102



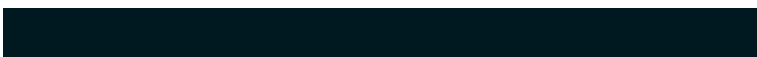
36.6276, 0.2762, 0.2836



10.9890, 0.2984, 0.3231



16.1297, 0.2020, 0.2470



0.8007, 0.2076, 0.2674

Previews

White Background



This preview shows how the Yxy color 39.6771, 0.3552, 0.3436 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 39.6771, 0.3552, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

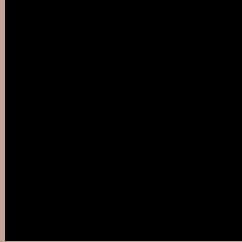
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6771, 0.3552, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 39.6771, 0.3552, 0.3436.



This preview shows how white text looks on a background with the Yxy color 39.6771, 0.3552, 0.3436.

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

39.6771, 0.3552, 0.3436

Protanopia

39.9391, 0.3323, 0.3499

Deuteranopia

39.6352, 0.3519, 0.3451



Tritanopia

39.6069, 0.3387, 0.3136

Trichromacy



Original Color

39.6771, 0.3552, 0.3436

Protanomaly

39.6396, 0.3405, 0.3468

Deuteranomaly

39.7662, 0.3529, 0.3450

Tritanomaly

39.5577, 0.3442, 0.3239

Monochromacy



Original Color

39.6771, 0.3552, 0.3436

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3889, 0.3273, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6771, 0.3552, 0.3436 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(195, 162, 151)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 151)  
}
```

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(195, 162, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 151) }
```

Border

The CSS property to change the border of an element to Yxy 39.6771, 0.3552, 0.3436 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(195, 162, 151) }
```

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

```
.border{ border-color:rgb(195, 162, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 162, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 162, 151);  
box-shadow:4px 4px 4px 4px rgb(195, 162,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6771, 0.3552, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 151) }
```

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

```
.background{ background-color: rgb(195,  
162, 151) }
```

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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