

Converting Colors

$Y_{xy}(40.4394, 0.3515, 0.3393)$

Have a look what the booklet for
Yxy(40.4394, 0.3515, 0.3393)
contains.

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Color

Yxy(40.3304, 0.3511, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	C4A39C
RGB	196, 163, 156
RGB Percent	77%, 64%, 61%
CMY	0.2315, 0.3607, 0.3883
CMYK	0.00, 0.17, 0.20, 0.23
HSL	11°, 25%, 69%
HSV	11°, 20%, 77%
XYZ	41.8564, 40.3304, 37.0281
YIQ	172.0690, 21.9150, 4.8190

Conversions

Conversions Part 2

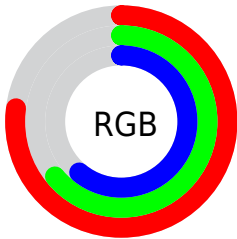
Format	Color
RYB	196, 164, 156
Decimal	12886940
CIELab	69.70, 10.99, 8.17
CIElCh	70, 13.690, 36.615
Yxy	40.3304, 0.3511, 0.3383
Android (android.graphics.Color)	4291077020 (0xFFC4A39C)
YUV	172.0690, -7.9220, 20.9875
Hunter-Lab	63.5062, 6.5118, 9.8845

Details

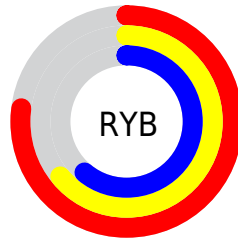
The Yxy color $40.3304, 0.3511, 0.3383$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $47.4237, 0.2820, 0.3195$, and the grayscale version is $41.3236, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6786, 0.3441, 0.3372$, and $18.1396, 0.3633, 0.3399$ is the 20% darker color. If you saturate the color by 10%, you get $34.3454, 0.3761, 0.3432$, and if you desaturate by 10%, it is $47.1590, 0.3304, 0.3336$.

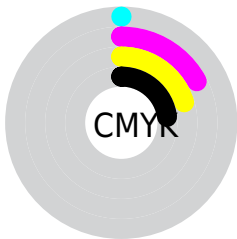
Distribution



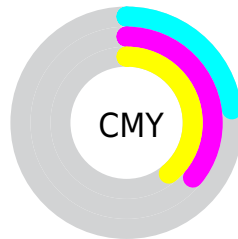
- Red (77%)
- Green (64%)
- Blue (61%)



- Red (77%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (23%)




- Cyan (23%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3304, 0.3511, 0.3383 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 40.3304, 0.3511, 0.3383 by changing the saturation by 10% instead.


 40.3304, 0.3511,
0.3383


 40.3304, 0.3511,
0.3383


347.5142, 0.3313,
0.3338

 27.7962, 0.3562,
0.3394


 75.6664, 0.3438,
0.3367

 18.1721, 0.3630,
0.3407


 99.2370, 0.3410,
0.3361

 11.0736, 0.3721,
0.3423


127.2552, 0.3388,
0.3356

 6.1164, 0.3853,
0.3445

160.1054, 0.3368,
0.3351

 2.9160, 0.4060,
0.3473

198.1720, 0.3352,
0.3347

 1.0880, 0.4488,
0.3555

241.8394, 0.3337,

 0.0000, 1.0000,

0.3344

0.0000

291.4920, 0.3324,
0.3341

0.0000, 0.0000,
0.0000

40.3304, 0.3511,
0.3383

40.3304, 0.3511,
0.3383

34.3454, 0.3761,
0.3432

47.1590, 0.3304,
0.3336

29.1657, 0.4061,
0.3480

54.8566, 0.3133,
0.3292

24.7586, 0.4412,
0.3524

63.4543, 0.2993,
0.3251

21.0865, 0.4809,
0.3555

72.9799, 0.2876,
0.3214

18.1089, 0.5231,
0.3567

83.4602, 0.2779,
0.3181

■ 15.7814, 0.5640,
0.3551

■ 90.4716, 0.2784,
0.3289

■ 14.0539, 0.5985,
0.3503

■ 12.9002, 0.6224,
0.3440

Harmonies

Analogous

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



40.3304, 0.3402, 0.3212



40.3304, 0.3511, 0.3383



40.3304, 0.3513, 0.3537

Triad

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



40.3304, 0.3511, 0.3383



40.3304, 0.3028, 0.3534



40.3304, 0.2848, 0.2958

Complementary

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



40.3304, 0.3511, 0.3383



47.4237, 0.2820, 0.3195

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.



40.3304, 0.2755, 0.3030



40.3304, 0.3511, 0.3383



40.3304, 0.2856, 0.3363

Square

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



40.3304, 0.3511, 0.3383



40.3304, 0.3229, 0.3633



40.3304, 0.2758, 0.3177



40.3304, 0.3016, 0.2972

Rectangle

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



40.3304, 0.3511, 0.3383



40.3304, 0.3453, 0.3609



40.3304, 0.2758, 0.3177



40.3304, 0.2807, 0.2973

Sweetspot

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



40.3322, 0.3511, 0.3383



91.2688, 0.3226, 0.3316



39.1943, 0.3210, 0.2869



19.3396, 0.3238, 0.3319



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.



40.3322, 0.3511, 0.3383



68.5943, 0.3605, 0.3402



47.8521, 0.3462, 0.3632



10.3576, 0.3285, 0.3331



8.3818, 0.6204, 0.3456



0.4522, 0.5803, 0.3775

Inverse Universe

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



47.4237, 0.2820, 0.3195



83.5141, 0.2762, 0.3174



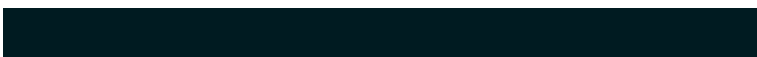
39.5465, 0.2802, 0.2923



11.1177, 0.2984, 0.3249



19.1798, 0.2090, 0.2725



0.9096, 0.2129, 0.2864

Previews

White Background



This preview shows how the Yxy color 40.3304, 0.3511, 0.3383 looks on a white background.

Color Contrast Check

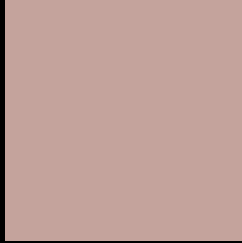
Large Text (above 18pt) WCAG AA × Fail

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 40.3304, 0.3511, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

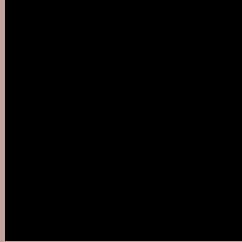
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3304, 0.3511, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 40.3304, 0.3511, 0.3383.



This preview shows how white text looks on a background with the Yxy color 40.3304, 0.3511, 0.3383.

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

40.3304, 0.3511, 0.3383

Protanopia

40.5176, 0.3268, 0.3428

Deuteranopia

40.1577, 0.3470, 0.3397



Tritanopia

40.1645, 0.3376, 0.3124

Trichromacy



Original Color

40.3304, 0.3511, 0.3383

Protanomaly

40.2079, 0.3348, 0.3399

Deuteranomaly

40.2887, 0.3479, 0.3397

Tritanomaly

40.1501, 0.3421, 0.3213

Monochromacy



Original Color

40.3304, 0.3511, 0.3383

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9529, 0.3264, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3304, 0.3511, 0.3383 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(196, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 156)  
}
```

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(196, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.3304, 0.3511, 0.3383 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(196, 163, 156) }
```

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

```
.border{ border-color:rgb(196, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3304, 0.3511, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 156) }
```

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

```
.background{ background-color: rgb(196,  
163, 156) }
```

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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