

Converting Colors

$Y_{xy}(40.0379, 0.3643, 0.3557)$

Have a look what the booklet for
Yxy(40.0379, 0.3643, 0.3557)
contains.

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Color

Yxy(40.0479, 0.3646, 0.3554)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C5A38F |
| RGB | 197, 163, 143 |
| RGB Percent | 77%, 64%, 56% |
| CMY | 0.2274, 0.3608, 0.4392 |
| CMYK | 0.00, 0.17, 0.27, 0.23 |
| HSL | 22°, 32%, 67% |
| HSV | 22°, 27%, 77% |
| XYZ | 41.0846, 40.0479, 31.5515 |
| YIQ | 170.8860, 26.6840, 0.9880 |

Conversions

Conversions Part 2

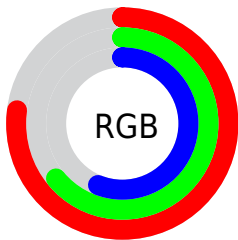
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 197, 175, 143 |
| Decimal | 12952463 |
| CIE Lab | 69.50, 9.50, 15.07 |
| CIE LCh | 70, 17.817, 57.775 |
| Yxy | 40.0479, 0.3646, 0.3554 |
| Android (android.graphics.Color) | 4291142543 (0xFFC5A38F) |
| YUV | 170.8860, -13.7478, 22.9020 |
| Hunter-Lab | 63.2834, 5.1391, 14.7379 |

Details

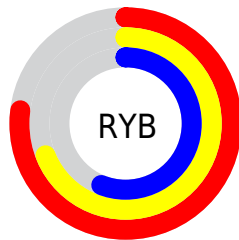
The Yxy color $40.0479, 0.3646, 0.3554$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $41.3248, 0.2704, 0.3010$, and the grayscale version is $40.7265, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2449, 0.3542, 0.3506$, and $17.9100, 0.3798, 0.3615$ is the 20% darker color. If you saturate the color by 10%, you get $35.3118, 0.3895, 0.3655$, and if you desaturate by 10%, it is $45.3250, 0.3431, 0.3454$.

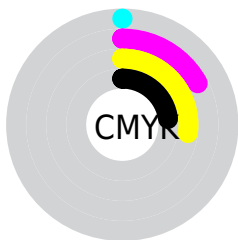
Distribution



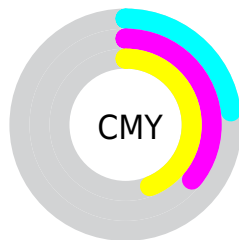
- Red (77%)
- Green (64%)
- Blue (56%)



- Red (77%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (23%)




- Cyan (23%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0479, 0.3646, 0.3554 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 40.0479, 0.3646, 0.3554 by changing the saturation by 10% instead.


 40.0479, 0.3646,
0.3554


 40.0479, 0.3646,
0.3554


346.3254, 0.3378,
0.3424

 27.5759, 0.3715,
0.3586


 75.2364, 0.3547,
0.3507

 18.0062, 0.3806,
0.3626


 98.7218, 0.3510,
0.3489

 10.9544, 0.3928,
0.3677


126.6470, 0.3479,
0.3474

 6.0362, 0.4103,
0.3746

159.3965, 0.3453,
0.3461

 2.8671, 0.4371,
0.3839

197.3547, 0.3431,
0.3450

 1.0628, 0.5287,
0.4338

240.9060, 0.3411,

 0.0000, 1.0000,

0.3440

0.0000

290.4348, 0.3394,
0.3431

0.0000, 0.0000,
0.0000

40.0479, 0.3646,
0.3554

40.0479, 0.3646,
0.3554

35.3118, 0.3895,
0.3655

45.3250, 0.3431,
0.3454

31.0931, 0.4177,
0.3751

51.1544, 0.3246,
0.3358

27.3749, 0.4490,
0.3834

57.5542, 0.3089,
0.3267

24.1369, 0.4823,
0.3893

64.5400, 0.2955,
0.3184

21.3572, 0.5157,
0.3914

72.1264, 0.2840,
0.3107

■ 19.0118, 0.5466,
0.3886

■ 79.9213, 0.2775,
0.3102

■ 17.0720, 0.5724,
0.3810

■ 87.3752, 0.2785,
0.3235

■ 16.6292, 0.5787,
0.3787

■ 90.6128, 0.2789,
0.3289

Harmonies

Analogous

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



40.0479, 0.3601, 0.3341



40.0479, 0.3646, 0.3554



40.0479, 0.3545, 0.3709

Triad

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



40.0479, 0.3646, 0.3554



40.0479, 0.2832, 0.3457



40.0479, 0.2909, 0.2863

Complementary

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



40.0479, 0.3646, 0.3554



41.3248, 0.2704, 0.3010

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.



40.0479, 0.2717, 0.2875



40.0479, 0.3646, 0.3554



40.0479, 0.2675, 0.3208

Square

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



40.0479, 0.3646, 0.3554



40.0479, 0.3071, 0.3663



40.0479, 0.2634, 0.2997



40.0479, 0.3167, 0.2954

Rectangle

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



40.0479, 0.3646, 0.3554



40.0479, 0.3413, 0.3754



40.0479, 0.2634, 0.2997



40.0479, 0.2835, 0.2855

Sweetspot

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



40.0497, 0.3646, 0.3554



90.8298, 0.3258, 0.3364



34.7011, 0.3352, 0.2850



19.0884, 0.3285, 0.3379



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.



40.0497, 0.3646, 0.3554



66.4363, 0.3793, 0.3616



50.6032, 0.3559, 0.3884



11.2693, 0.3280, 0.3376



11.0830, 0.5763, 0.3806



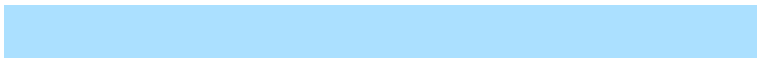
0.6631, 0.5367, 0.4120

Inverse Universe

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



41.3248, 0.2704, 0.3010



69.0910, 0.2611, 0.2937



31.7498, 0.2666, 0.2616



11.3820, 0.2984, 0.3202



12.3093, 0.1901, 0.2042



0.7181, 0.1981, 0.2332

Previews

White Background



This preview shows how the Yxy color 40.0479, 0.3646, 0.3554 looks on a white background.

Color Contrast Check

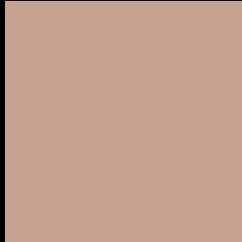
Large Text (above 18pt) WCAG AA × Fail

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 40.0479, 0.3646, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

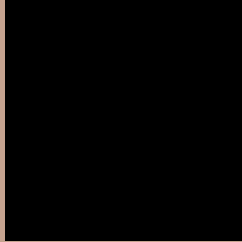
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0479, 0.3646, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 40.0479, 0.3646, 0.3554.



This preview shows how white text looks on a background with the Yxy color 40.0479, 0.3646, 0.3554.

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

40.0479, 0.3646, 0.3554

Protanopia

39.9162, 0.3413, 0.3610

Deuteranopia

39.9133, 0.3636, 0.3555



Tritanopia

40.0159, 0.3416, 0.3138

Trichromacy



Original Color

40.0479, 0.3646, 0.3554

Protanomaly

39.9961, 0.3496, 0.3591

Deuteranomaly

39.9133, 0.3636, 0.3555

Tritanomaly

39.8569, 0.3500, 0.3278

Monochromacy



Original Color

40.0479, 0.3646, 0.3554

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2818, 0.3300, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0479, 0.3646, 0.3554 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(197, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 163, 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(197, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 163, 143) }
```

Border

The CSS property to change the border of an element to Yxy 40.0479, 0.3646, 0.3554 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(197, 163, 143) }
```

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

```
.border{ border-color:rgb(197, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 163,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0479, 0.3646, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 163, 143) }
```

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

```
.background{ background-color: rgb(197,  
163, 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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