

Converting Colors

Yxy(41.6458, 0.3602, 0.3627)

Have a look what the booklet for
Yxy(41.6458, 0.3602, 0.3627)
contains.

Yxy(41.4578, 0.3600, 0.3621)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4578, 0.3600, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	C2A88F
RGB	194, 168, 143
RGB Percent	76%, 66%, 56%
CMY	0.2390, 0.3412, 0.4392
CMYK	0.00, 0.13, 0.26, 0.24
HSL	29°, 30%, 66%
HSV	29°, 26%, 76%
XYZ	41.2174, 41.4578, 31.8175
YIQ	172.9240, 23.5210, -2.2630

Conversions

Conversions Part 2

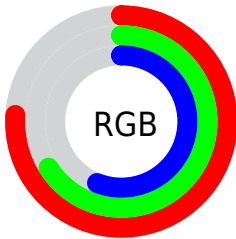
Format	Color
RYB	194, 192, 143
Decimal	12757135
CIELab	70.50, 5.63, 16.41
CIElCh	70, 17.351, 71.058
Yxy	41.4578, 0.3600, 0.3621
Android (android.graphics.Color)	4290947215 (0xFFC2A88F)
YUV	172.9240, -14.7525, 18.4837
Hunter-Lab	64.3877, 1.5870, 15.7730

Details

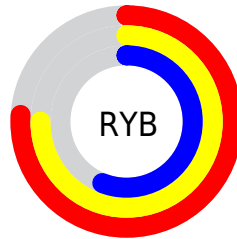
The Yxy color $41.4578, 0.3600, 0.3621$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $38.1355, 0.2714, 0.2934$, and the grayscale version is $41.8192, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3158, 0.3509, 0.3558$, and $18.8565, 0.3741, 0.3706$ is the 20% darker color. If you saturate the color by 10%, you get $37.4024, 0.3824, 0.3753$, and if you desaturate by 10%, it is $45.8974, 0.3401, 0.3491$.

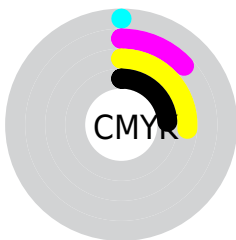
Distribution



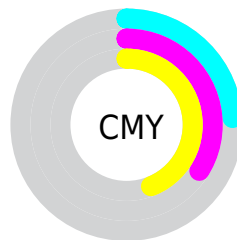
- Red (76%)
- Green (66%)
- Blue (56%)



- Red (76%)
- Yellow (75%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (24%)




- Cyan (24%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4578, 0.3600, 0.3621 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 41.4578, 0.3600, 0.3621 by changing the saturation by 10% instead.

 41.4578, 0.3600,
0.3621

 41.4578, 0.3600,
0.3621


352.2304, 0.3358,
0.3456

 28.6770, 0.3662,
0.3662


 77.3784, 0.3511,
0.3561

 18.8366, 0.3742,
0.3714


 101.2869, 0.3478,
0.3539

 11.5523, 0.3850,
0.3782


129.6734, 0.3450,
0.3520

 6.4396, 0.4003,
0.3875

162.9224, 0.3426,
0.3503

 3.1142, 0.4232,
0.4006

201.4182, 0.3406,
0.3489

 1.1916, 0.4998,
0.4552

245.5452, 0.3388,

 0.0549, 0.7756,

0.3476

0.2244

295.6878, 0.3372,
0.3466

0.0000, 0.0000,
0.0000

41.4578, 0.3600,
0.3621

41.4578, 0.3600,
0.3621

37.4024, 0.3824,
0.3753

45.8974, 0.3401,
0.3491

33.7141, 0.4072,
0.3880

50.7263, 0.3226,
0.3365

30.3826, 0.4340,
0.3994

55.9567, 0.3073,
0.3247

27.3952, 0.4619,
0.4083

61.5986, 0.2940,
0.3138

24.7377, 0.4894,
0.4134

67.6615, 0.2825,
0.3037

■ 22.3947, 0.5149,
0.4137

■ 73.8659, 0.2748,
0.2990

■ 20.3480, 0.5367,
0.4086

■ 79.4551, 0.2757,
0.3099

■ 19.6571, 0.5443,
0.4060

■ 85.3614, 0.2766,
0.3207

■ 90.2153, 0.2773,
0.3289

Harmonies

Analogous

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



41.4578, 0.3620, 0.3434



41.4578, 0.3600, 0.3621



41.4578, 0.3450, 0.3728

Triad

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



41.4578, 0.3600, 0.3621



41.4578, 0.2763, 0.3345



41.4578, 0.3023, 0.2906

Complementary

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



41.4578, 0.3600, 0.3621



38.1355, 0.2714, 0.2934

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.



41.4578, 0.2803, 0.2872



41.4578, 0.3600, 0.3621



41.4578, 0.2658, 0.3113

Square

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



41.4578, 0.3600, 0.3621



41.4578, 0.2965, 0.3571



41.4578, 0.2673, 0.2943



41.4578, 0.3279, 0.3032

Rectangle

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



41.4578, 0.3600, 0.3621



41.4578, 0.3299, 0.3734



41.4578, 0.2673, 0.2943



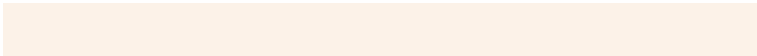
41.4578, 0.2942, 0.2883

Sweetspot

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



41.4597, 0.3600, 0.3621



90.2078, 0.3256, 0.3388



34.0002, 0.3401, 0.2944



19.4552, 0.3282, 0.3407



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.



41.4597, 0.3600, 0.3621



70.4383, 0.3736, 0.3703



51.6844, 0.3522, 0.3929



10.8737, 0.3277, 0.3403



13.0807, 0.5422, 0.4077



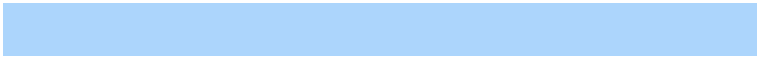
0.7032, 0.5078, 0.4350

Inverse Universe

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



38.1355, 0.2714, 0.2934



63.3310, 0.2613, 0.2836



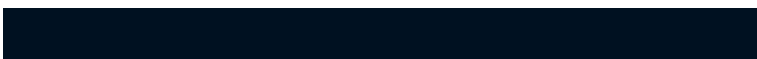
29.6397, 0.2679, 0.2559



10.5790, 0.2984, 0.3174



8.5972, 0.1786, 0.1630



0.5092, 0.1897, 0.2030

Previews

White Background



This preview shows how the Yxy color 41.4578, 0.3600, 0.3621 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 41.4578, 0.3600, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

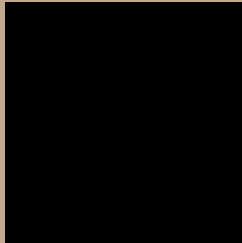
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4578, 0.3600, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 41.4578, 0.3600, 0.3621.



This preview shows how white text looks on a background with the Yxy color 41.4578, 0.3600, 0.3621.

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

41.4578, 0.3600, 0.3621

Protanopia

41.4945, 0.3453, 0.3660

Deuteranopia

41.3977, 0.3655, 0.3590



Tritanopia

41.3347, 0.3343, 0.3125

Trichromacy



Original Color

41.4578, 0.3600, 0.3621

Protanomaly

41.5785, 0.3503, 0.3656

Deuteranomaly

41.4909, 0.3632, 0.3605

Tritanomaly

41.4609, 0.3441, 0.3304

Monochromacy



Original Color

41.4578, 0.3600, 0.3621

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5582, 0.3296, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4578, 0.3600, 0.3621 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(194, 168, 143)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 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(194, 168, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 143) }
```

Border

The CSS property to change the border of an element to Yxy 41.4578, 0.3600, 0.3621 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(194, 168, 143) }
```

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

```
.border{ border-color:rgb(194, 168, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 168, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 168, 143); box-shadow:4px 4px 4px 4px rgb(194, 168, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4578, 0.3600, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 143) }
```

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

```
.background{ background-color: rgb(194,  
168, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor