

Converting Colors

$Y_{xy}(24.2160, 0.4134, 0.3554)$

Have a look what the booklet for
Yxy(24.2160, 0.4134, 0.3554)
contains.

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Color

Yxy(24.2160, 0.4134, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	B57866
RGB	181, 120, 102
RGB Percent	71%, 47%, 40%
CMY	0.2902, 0.5294, 0.6001
CMYK	0.00, 0.34, 0.44, 0.29
HSL	14°, 35%, 55%
HSV	14°, 44%, 71%
XYZ	28.1680, 24.2160, 15.7533
YIQ	136.1870, 42.1340, 7.3340

Conversions

Conversions Part 2

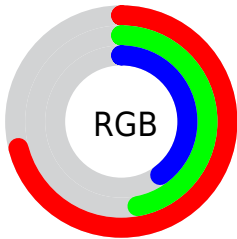
Format	Color
RYB	181, 125, 102
Decimal	11892838
CIELab	56.30, 21.70, 19.67
CIElCh	56, 29.289, 42.180
Yxy	24.2160, 0.4134, 0.3554
Android (android.graphics.Color)	4290082918 (0xFFB57866)
YUV	136.1870, -16.8542, 39.3010
Hunter-Lab	49.2098, 16.0574, 15.4665

Details

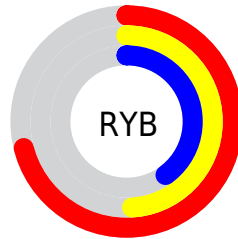
The Yxy color $24.2160, 0.4134, 0.3554$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $32.3368, 0.2496, 0.3000$, and the grayscale version is $24.7469, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5378, 0.3916, 0.3516$, and $9.2179, 0.4519, 0.3608$ is the 20% darker color. If you saturate the color by 10%, you get $20.7779, 0.4481, 0.3607$, and if you desaturate by 10%, it is $28.2249, 0.3833, 0.3493$.

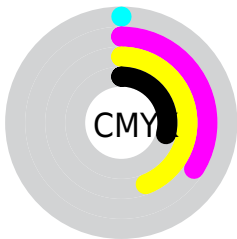
Distribution



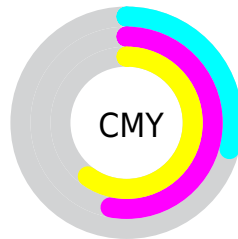
- Red (71%)
- Green (47%)
- Blue (40%)



- Red (71%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2160, 0.4134, 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 24.2160, 0.4134, 0.3554 by changing the saturation by 10% instead.


 24.2160, 0.4134,
0.3554


 24.2160, 0.4134,
0.3554


273.9107, 0.3571,
0.3429


 15.4939, 0.4296,
0.3580

 50.3825, 0.3914,
0.3512

 9.1668, 0.4516,
0.3606


 68.5956, 0.3836,
0.3495

 4.8501, 0.4832,
0.3628

 90.7413, 0.3773,
0.3480

 2.1596, 0.5355,
0.3648

 117.2038, 0.3719,
0.3467

 0.6978, 0.6407,
0.3593

148.3676, 0.3674,
0.3455

 0.0000, 1.0000,
0.0000

184.6171, 0.3635,

 0.0000, 0.0000,

0.3445

0.0000

226.3367, 0.3601,
0.3436

■ 24.2160, 0.4134,
0.3554

■ 24.2160, 0.4134,
0.3554

■ 20.7779, 0.4481,
0.3607

■ 28.2249, 0.3833,
0.3493

■ 17.8809, 0.4864,
0.3645

■ 32.8257, 0.3577,
0.3430

■ 15.4976, 0.5264,
0.3656


■ 38.0426, 0.3363,
0.3368

■ 13.5969, 0.5643,
0.3632

■ 43.8975, 0.3185,
0.3310

■ 12.1439, 0.5957,
0.3570

■ 50.4110, 0.3036,
0.3256

 11.4302, 0.6120,
0.3523

 57.6029, 0.2912,
0.3207

 65.4923, 0.2808,
0.3162

 74.0973, 0.2721,
0.3121

 82.7836, 0.2695,
0.3188

Harmonies

Analogous

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



24.2160, 0.3900, 0.3153



24.2160, 0.4134, 0.3554



24.2160, 0.4067, 0.3930

Triad

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



24.2160, 0.4134, 0.3554



24.2160, 0.2772, 0.3864



24.2160, 0.2500, 0.2480

Complementary

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



24.2160, 0.4134, 0.3554



32.3368, 0.2496, 0.3000

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.



24.2160, 0.2253, 0.2587



24.2160, 0.4134, 0.3554



24.2160, 0.2396, 0.3366

Square

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



24.2160, 0.4134, 0.3554



24.2160, 0.3264, 0.4175



24.2160, 0.2215, 0.2894



24.2160, 0.2925, 0.2561

Rectangle

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



24.2160, 0.4134, 0.3554



24.2160, 0.3872, 0.4118



24.2160, 0.2215, 0.2894



24.2160, 0.2395, 0.2493

Sweetspot

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



24.2172, 0.4134, 0.3554



68.5789, 0.3355, 0.3366



21.9961, 0.3381, 0.2439



14.3586, 0.3398, 0.3379



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.2172, 0.4134, 0.3554



37.6671, 0.4452, 0.3604



35.4410, 0.3890, 0.4081



8.8096, 0.3282, 0.3343



7.9700, 0.6099, 0.3539



0.3394, 0.5564, 0.3964

Inverse Universe

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



32.3368, 0.2496, 0.3000



53.9658, 0.2385, 0.2928



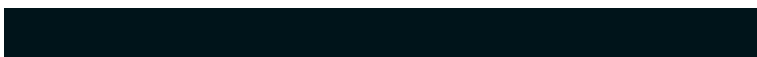
20.6656, 0.2385, 0.2340



9.2960, 0.2986, 0.3237



15.2744, 0.2041, 0.2548



0.5614, 0.2105, 0.2778

Previews

White Background



This preview shows how the Yxy color 24.2160, 0.4134, 0.3554 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2160, 0.4134, 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 × Fail

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

Yxy 24.2160, 0.4134, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 24.2160, 0.4134, 0.3554.



This preview shows how white text looks on a background with the Yxy color 24.2160, 0.4134, 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

24.2160, 0.4134, 0.3554

Protanopia

24.3614, 0.3514, 0.3734

Deuteranopia

24.3589, 0.3836, 0.3771



Tritanopia

24.2705, 0.3874, 0.3177

Trichromacy



Original Color

24.2160, 0.4134, 0.3554

Protanomaly

24.1740, 0.3729, 0.3681

Deuteranomaly

24.1861, 0.3948, 0.3678

Tritanomaly

24.1863, 0.3962, 0.3307

Monochromacy



Original Color

24.2160, 0.4134, 0.3554

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0959, 0.3456, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2160, 0.4134, 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(181, 120, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 120, 102)  
}
```

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(181, 120, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 120, 102) }
```

Border

The CSS property to change the border of an element to Yxy 24.2160, 0.4134, 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(181, 120, 102) }
```

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

```
.border{ border-color:rgb(181, 120, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 120, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 120, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 120, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 120,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2160, 0.4134, 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(181, 120, 102) }
```

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

```
.background{ background-color: rgb(181,  
120, 102) }
```

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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