

Converting Colors

$Yxy(43.5300, 0.3457, 0.3796)$

Have a look what the booklet for
Yxy(43.5300, 0.3457, 0.3796)
contains.

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Color

Yxy(43.4672, 0.3454, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	B4B28D
RGB	180, 178, 141
RGB Percent	71%, 70%, 55%
CMY	0.2941, 0.3020, 0.4472
CMYK	0.00, 0.01, 0.22, 0.29
HSL	57°, 21%, 63%
HSV	57°, 22%, 71%
XYZ	39.5510, 43.4672, 31.4897
YIQ	174.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

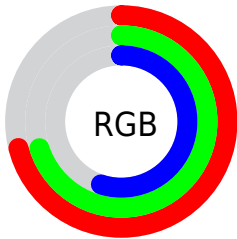
Format	Color
RYB	143, 180, 141
Decimal	11842189
CIELab	71.87, -5.47, 19.24
CIELCh	72, 20.002, 105.861
Yxy	43.4672, 0.3454, 0.3796
Android (android.graphics.Color)	4290032269 (0xFFB4B28D)
YUV	174.3800, -16.4563, 4.9287
Hunter-Lab	65.9297, -8.2952, 17.8324

Details

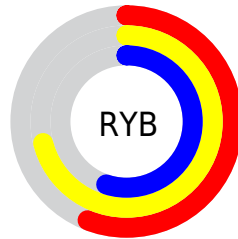
The Yxy color $43.4672, 0.3454, 0.3796$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $28.5934, 0.2771, 0.2728$, and the grayscale version is $42.6150, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.6186, 0.3392, 0.3702$, and $19.9346, 0.3545, 0.3931$ is the 20% darker color. If you saturate the color by 10%, you get $42.6080, 0.3608, 0.4032$, and if you desaturate by 10%, it is $44.4198, 0.3300, 0.3559$.

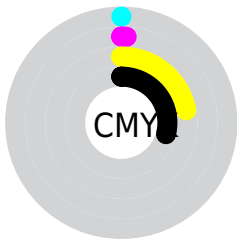
Distribution



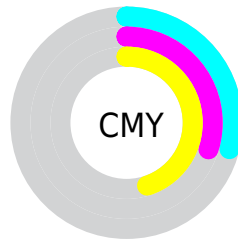
- Red (71%)
- Green (70%)
- Blue (55%)



- Red (56%)
- Yellow (71%)
- Blue (55%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4672, 0.3454, 0.3796 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 43.4672, 0.3454, 0.3796 by changing the saturation by 10% instead.

■ 43.4672, 0.3454,
0.3796

■ 43.4672, 0.3454,
0.3796

■ 360.5296, 0.3291,
0.3538

■ 30.2519, 0.3494,
0.3862

■ 80.4154, 0.3395,
0.3701

■ 20.0298, 0.3545,
0.3947

■ 104.9171, 0.3373,
0.3666

■ 12.4167, 0.3612,
0.4062

■ 133.9496, 0.3354,
0.3636

■ 7.0282, 0.3703,
0.4223

■ 167.8975, 0.3338,
0.3610

■ 3.4797, 0.3831,
0.4464

■ 207.1450, 0.3324,
0.3589

■ 1.3870, 0.4377,
0.5296

■ 252.0766, 0.3311,

■ 0.2071, 0.2344,

0.3569

0.7656

303.0767, 0.3301,
0.3553

0.0000, 0.0000,
0.0000

43.4672, 0.3454,
0.3796

43.4672, 0.3454,
0.3796

42.6080, 0.3608,
0.4032

44.4198, 0.3300,
0.3559

41.8323, 0.3759,
0.4258

45.4641, 0.3152,
0.3328

41.1374, 0.3899,
0.4466

46.6055, 0.3011,
0.3107

40.5184, 0.4024,
0.4646

47.8476, 0.2879,
0.2900

39.9696, 0.4127,
0.4791

49.1937, 0.2757,
0.2707

■ 39.4848, 0.4206,
0.4894

■ 50.6469, 0.2646,
0.2530

■ 39.0563, 0.4258,
0.4953

■ 51.4149, 0.2612,
0.2481

■ 38.7304, 0.4286,
0.4979

■ 51.8032, 0.2613,
0.2492

■ 52.1941, 0.2614,
0.2503

Harmonies

Analogous

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



43.4672, 0.3645, 0.3691



43.4672, 0.3454, 0.3796



43.4672, 0.3180, 0.3757

Triad

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



43.4672, 0.3454, 0.3796



43.4672, 0.2591, 0.3051



43.4672, 0.3344, 0.3029

Complementary

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



43.4672, 0.3454, 0.3796



28.5934, 0.2771, 0.2728

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.



43.4672, 0.3053, 0.2873



43.4672, 0.3454, 0.3796



43.4672, 0.2629, 0.2876

Square

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



43.4672, 0.3454, 0.3796



43.4672, 0.2688, 0.3307



43.4672, 0.2794, 0.2816



43.4672, 0.3583, 0.3249

Rectangle

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



43.4672, 0.3454, 0.3796



43.4672, 0.2990, 0.3648



43.4672, 0.2794, 0.2816



43.4672, 0.3249, 0.2968

Sweetspot

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



43.4691, 0.3454, 0.3796



81.3706, 0.3232, 0.3453



30.7445, 0.3529, 0.3254



17.5634, 0.3240, 0.3466



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.



43.4691, 0.3454, 0.3796



78.0412, 0.3528, 0.3909



42.3676, 0.3294, 0.3849



9.8301, 0.3264, 0.3504



27.0566, 0.4285, 0.4980



0.8740, 0.4257, 0.5002

Inverse Universe

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



28.5934, 0.2771, 0.2728



46.2738, 0.2681, 0.2586



29.5924, 0.2930, 0.2724



8.2981, 0.2985, 0.3067



2.4712, 0.1511, 0.0640



0.1009, 0.1557, 0.0805

Previews

White Background



This preview shows how the Yxy color 43.4672, 0.3454, 0.3796 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 43.4672, 0.3454, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

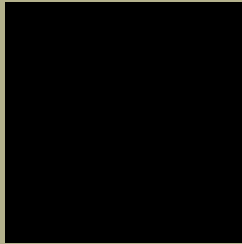
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

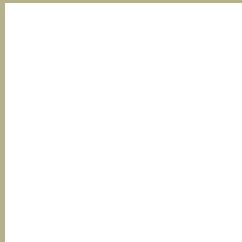
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4672, 0.3454, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 43.4672, 0.3454, 0.3796.



This preview shows how white text looks on a background with the Yxy color 43.4672, 0.3454, 0.3796.

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

43.4672, 0.3454, 0.3796

Protanopia

43.5089, 0.3534, 0.3773

Deuteranopia

43.3382, 0.3704, 0.3621



Tritanopia

43.4469, 0.3144, 0.3122

Trichromacy



Original Color

43.4672, 0.3454, 0.3796

Protanomaly

43.5281, 0.3502, 0.3790

Deuteranomaly

43.1938, 0.3615, 0.3683

Tritanomaly

43.3270, 0.3259, 0.3357

Monochromacy



Original Color

43.4672, 0.3454, 0.3796

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4987, 0.3244, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4672, 0.3454, 0.3796 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(180, 178, 141)` looks like.

```
.text, #text, p{  
    color:rgb(180, 178, 141)  
}
```

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(180, 178, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 178, 141) }
```

Border

The CSS property to change the border of an element to Yxy 43.4672, 0.3454, 0.3796 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(180, 178, 141) }
```

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

```
.border{ border-color:rgb(180, 178, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 178, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 178, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 178, 141);  
box-shadow:4px 4px 4px 4px rgb(180, 178,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4672, 0.3454, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 178, 141) }
```

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

```
.background{ background-color: rgb(180,  
178, 141) }
```

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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