

Converting Colors

$Y_{xy}(43.4180, 0.3897, 0.4727)$

Have a look what the booklet for
Yxy(43.4180, 0.3897, 0.4727)
contains.

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Color

Yxy(43.4488, 0.3895, 0.4730)

Conversions

Conversions Part 1

Format	Color
Hex	AFB748
RGB	175, 183, 72
RGB Percent	69%, 72%, 28%
CMY	0.3138, 0.2823, 0.7177
CMYK	0.04, 0.00, 0.61, 0.28
HSL	64°, 44%, 50%
HSV	64°, 61%, 72%
XYZ	35.7787, 43.4488, 12.6305
YIQ	167.9540, 30.8630, -36.2170

Conversions

Conversions Part 2

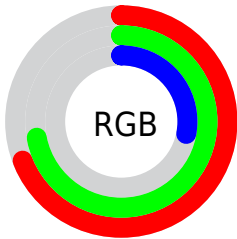
Format	Color
RYB	72, 183, 80
Decimal	11515720
CIELab	71.86, -17.68, 53.94
CIELCh	72, 56.764, 108.148
Yxy	43.4488, 0.3895, 0.4730
Android (android.graphics.Color)	4289705800 (0xFFAFB748)
YUV	167.9540, -47.3053, 6.1793
Hunter-Lab	65.9157, -18.4637, 34.7801

Details

The Yxy color **43.4488, 0.3895, 0.4730** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **9.7604, 0.2029, 0.1397**, and the grayscale version is **39.3587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5373, 0.3786, 0.4473**, and **19.9874, 0.4031, 0.5100** is the 20% darker color. If you saturate the color by 10%, you get **43.0940, 0.3974, 0.4897**, and if you desaturate by 10%, it is **43.8802, 0.3794, 0.4528**.

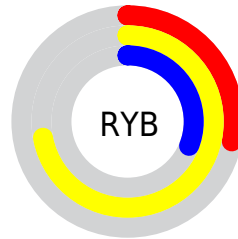
Distribution



Red (69%)

Green (72%)

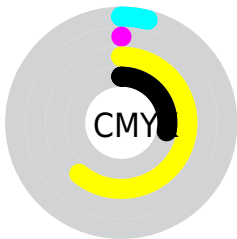
Blue (28%)



Red (28%)

Yellow (72%)

Blue (31%)

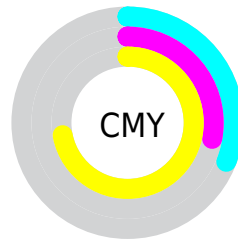


Cyan (4%)

Magenta (0%)

Yellow (61%)

Black (28%)



Cyan (31%)


Magenta (28%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4488, 0.3895, 0.4730 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 43.4488, 0.3895, 0.4730 by changing the saturation by 10% instead.


 43.4488, 0.3895,
0.4730


 43.4488, 0.3895,
0.4730


360.4542, 0.3551,
0.4007


 30.2374, 0.3959,
0.4899


 80.3877, 0.3784,
0.4473

 20.0189, 0.4025,
0.5105


 104.8840, 0.3738,
0.4374


 12.4088, 0.4081,
0.5354


 133.9107, 0.3697,
0.4290

 7.0227, 0.4184,
0.5759

 167.8522, 0.3661,
0.4217

 3.4763, 0.4026,
0.5974

 207.0929, 0.3629,
0.4154

 1.3852, 0.3708,
0.6292

252.0172, 0.3600,

 0.2058, 0.0000,

0.4099

1.0000

303.0095, 0.3574,
0.4050

0.0000, 0.0000,
0.0000

43.4488, 0.3895,
0.4730

43.4488, 0.3895,
0.4730

43.0940, 0.3974,
0.4897

43.8802, 0.3794,
0.4528

42.8032, 0.4029,
0.5023

44.3879, 0.3675,
0.4299

42.5708, 0.4058,
0.5106

44.9791, 0.3545,
0.4053

42.3918, 0.4067,
0.5153

45.6584, 0.3409,
0.3801

46.4303, 0.3271,
0.3549

■ 47.2987, 0.3136,
0.3306

■ 48.2675, 0.3006,
0.3074

■ 49.3403, 0.2884,
0.2858

■ 50.5205, 0.2770,
0.2658

Harmonies

Analogous

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



43.4488, 0.4492, 0.4315



43.4488, 0.3895, 0.4730



43.4488, 0.3135, 0.4704

Triad

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



43.4488, 0.3895, 0.4730



43.4488, 0.1745, 0.2518



43.4488, 0.3778, 0.2636

Complementary

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



43.4488, 0.3895, 0.4730



9.7604, 0.2029, 0.1397

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.



43.4488, 0.2946, 0.2256



43.4488, 0.3895, 0.4730



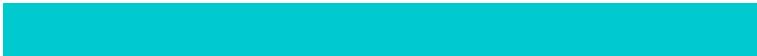
43.4488, 0.1863, 0.2153

Square

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



43.4488, 0.3895, 0.4730



43.4488, 0.1924, 0.3210



43.4488, 0.2268, 0.2081



43.4488, 0.4474, 0.3157

Rectangle

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



43.4488, 0.3895, 0.4730



43.4488, 0.2636, 0.4347



43.4488, 0.2268, 0.2081



43.4488, 0.3498, 0.2490

Sweetspot

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



43.4508, 0.3895, 0.4730



82.0740, 0.3376, 0.3741



16.1860, 0.4929, 0.3391



18.0433, 0.3416, 0.3815



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.4508, 0.3895, 0.4730



76.9729, 0.3997, 0.4947



38.3398, 0.3387, 0.5020



10.4694, 0.3253, 0.3517



29.5821, 0.4069, 0.5151



1.0528, 0.4103, 0.5124

Inverse Universe

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



9.7604, 0.2029, 0.1397



11.3528, 0.1787, 0.1006



13.1966, 0.2596, 0.1644



8.7497, 0.2995, 0.3054



2.4580, 0.1527, 0.0615



0.0972, 0.1635, 0.0674

Previews

White Background



This preview shows how the Yxy color 43.4488, 0.3895, 0.4730 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 43.4488, 0.3895, 0.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

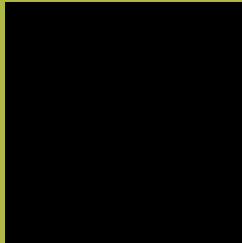
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4488, 0.3895, 0.4730

Background



This preview shows how black text looks on a background with the Yxy color 43.4488, 0.3895, 0.4730.



This preview shows how white text looks on a background with the Yxy color 43.4488, 0.3895, 0.4730.

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

43.4488, 0.3895, 0.4730

Protanopia

43.2286, 0.4161, 0.4565

Deuteranopia

43.0787, 0.4400, 0.4301



Tritanopia

43.4469, 0.3144, 0.3122

Trichromacy



Original Color

43.4488, 0.3895, 0.4730

Protanomaly

43.3865, 0.4054, 0.4630

Deuteranomaly

42.9517, 0.4212, 0.4459

Tritanomaly

43.0094, 0.3452, 0.3725

Monochromacy



Original Color

43.4488, 0.3895, 0.4730

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.2385, 0.3450, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4488, 0.3895, 0.4730 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(175, 183, 72)` looks like.

```
.text, #text, p{  
    color:rgb(175, 183, 72)  
}
```

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(175, 183, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 183, 72) }
```

Border

The CSS property to change the border of an element to Yxy 43.4488, 0.3895, 0.4730 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(175, 183, 72) }
```

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

```
.border{ border-color:rgb(175, 183, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 183, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 183, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 183, 72);  
box-shadow:4px 4px 4px 4px rgb(175, 183,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4488, 0.3895, 0.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 183, 72) }
```

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

```
.background{ background-color: rgb(175,  
183, 72) }
```

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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