

Converting Colors

$Y_{xy}(43.0094, 0.4089, 0.4785)$

Have a look what the booklet for
Yxy(43.0094, 0.4089, 0.4785)
contains.

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Color

Yxy(43.1184, 0.4087, 0.4789)

Conversions

Conversions Part 1

Format	Color
Hex	B8B438
RGB	184, 180, 56
RGB Percent	72%, 71%, 22%
CMY	0.2785, 0.2941, 0.7805
CMYK	0.00, 0.02, 0.70, 0.28
HSL	58°, 53%, 47%
HSV	58°, 70%, 72%
XYZ	36.7978, 43.1184, 10.1201
YIQ	167.0600, 42.1880, -37.7160

Conversions

Conversions Part 2

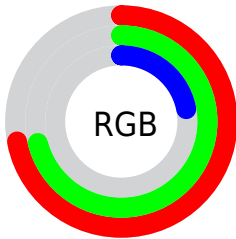
Format	Color
RYB	60, 184, 56
Decimal	12104760
CIELab	71.64, -13.32, 60.50
CIELCh	72, 61.949, 102.418
Yxy	43.1184, 0.4087, 0.4789
Android (android.graphics.Color)	4290294840 (0xFFB8B438)
YUV	167.0600, -54.7526, 14.8564
Hunter-Lab	65.6646, -14.8833, 36.8276

Details

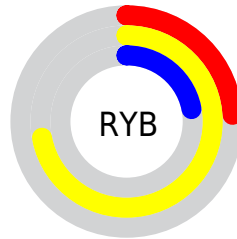
The Yxy color **43.1184, 0.4087, 0.4789** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.5246, 0.1813, 0.1147**, and the grayscale version is **38.9291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1714, 0.3953, 0.4542**, and **19.9504, 0.4180, 0.5063** is the 20% darker color. If you saturate the color by 10%, you get **42.7427, 0.4165, 0.4902**, and if you desaturate by 10%, it is **43.5652, 0.3984, 0.4635**.

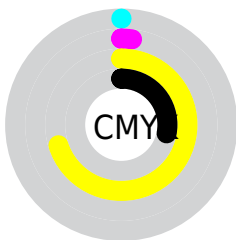
Distribution



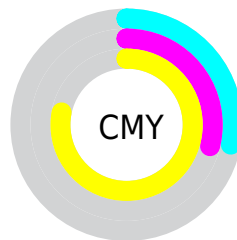
- Red (72%)
- Green (71%)
- Blue (22%)



- Red (24%)
- Yellow (72%)
- Blue (22%)



- Cyan (0%)
- Magenta (2%)
- Yellow (70%)
- Black (28%)





- Cyan (28%)
- Magenta (29%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1184, 0.4087, 0.4789 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 43.1184, 0.4087, 0.4789 by changing the saturation by 10% instead.


 43.1184, 0.4087,
0.4789


 43.1184, 0.4087,
0.4789


359.0985, 0.3659,
0.4058


 29.9780, 0.4164,
0.4949


 79.8895, 0.3951,
0.4537

 19.8219, 0.4242,
0.5135


 104.2890, 0.3894,
0.4437


 12.2657, 0.4308,
0.5348


 133.2104, 0.3843,
0.4351

 6.9249, 0.4373,
0.5627

 167.0379, 0.3797,
0.4277

 3.4152, 0.4236,
0.5764

 206.1561, 0.3757,
0.4212

 1.3521, 0.3997,
0.6003

250.9494, 0.3721,

 0.1810, 0.0000,

0.4154

1.0000

301.8020, 0.3688,
0.4103

0.0000, 0.0000,
0.0000

43.1184, 0.4087,
0.4789

43.1184, 0.4087,
0.4789

42.7427, 0.4165,
0.4902

43.5652, 0.3984,
0.4635

42.4243, 0.4217,
0.4973

44.0836, 0.3861,
0.4446

42.1506, 0.4247,
0.5008

44.6813, 0.3722,
0.4230

42.1393, 0.4248,
0.5009

45.3635, 0.3573,
0.3997

46.1348, 0.3420,
0.3756

■ 46.9997, 0.3268,
0.3515

■ 47.9622, 0.3121,
0.3280

■ 49.0262, 0.2982,
0.3057

■ 50.1952, 0.2851,
0.2847

Harmonies

Analogous

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



43.1184, 0.4686, 0.4264



43.1184, 0.4087, 0.4789



43.1184, 0.3281, 0.4907

Triad

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



43.1184, 0.4087, 0.4789



43.1184, 0.1650, 0.2557



43.1184, 0.3660, 0.2491

Complementary

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



43.1184, 0.4087, 0.4789



7.5246, 0.1813, 0.1147

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.



43.1184, 0.2765, 0.2124



43.1184, 0.4087, 0.4789



43.1184, 0.1720, 0.2107

Square

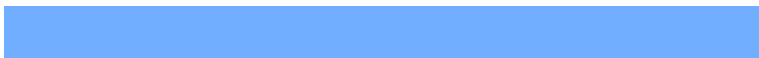
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.1184, 0.4087, 0.4789



43.1184, 0.1898, 0.3372



43.1184, 0.2090, 0.1982



43.1184, 0.4484, 0.3021

Rectangle

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



43.1184, 0.4087, 0.4789



43.1184, 0.2731, 0.4603



43.1184, 0.2090, 0.1982



43.1184, 0.3351, 0.2346

Sweetspot

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



43.1204, 0.4087, 0.4789



83.3935, 0.3447, 0.3799



13.3418, 0.5357, 0.3249



17.8936, 0.3489, 0.3865



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.



43.1204, 0.4087, 0.4789



77.2126, 0.4193, 0.4941



38.8604, 0.3497, 0.5187



10.4543, 0.3265, 0.3509



29.0696, 0.4247, 0.5010



1.0398, 0.4232, 0.5022

Inverse Universe

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



7.5246, 0.1813, 0.1147



8.7658, 0.1610, 0.0802



9.9781, 0.2342, 0.1356



8.7629, 0.2984, 0.3061



2.4897, 0.1507, 0.0624



0.1029, 0.1533, 0.0719

Previews

White Background



This preview shows how the Yxy color 43.1184, 0.4087, 0.4789 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 43.1184, 0.4087, 0.4789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

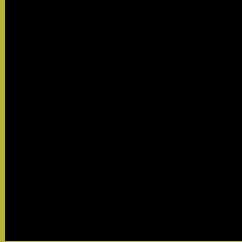
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1184, 0.4087, 0.4789

Background



This preview shows how black text looks on a background with the Yxy color 43.1184, 0.4087, 0.4789.



This preview shows how white text looks on a background with the Yxy color 43.1184, 0.4087, 0.4789.

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

43.1184, 0.4087, 0.4789

Protanopia

43.1968, 0.4250, 0.4679

Deuteranopia

43.0344, 0.4508, 0.4422



Tritanopia

42.9436, 0.3263, 0.3125

Trichromacy



Original Color

43.1184, 0.4087, 0.4789

Protanomaly

42.9266, 0.4194, 0.4719

Deuteranomaly

42.9426, 0.4352, 0.4558

Tritanomaly

42.3590, 0.3621, 0.3770

Monochromacy



Original Color

43.1184, 0.4087, 0.4789

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.9216, 0.3524, 0.3928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1184, 0.4087, 0.4789 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(184, 180, 56)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 56)  
}
```

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(184, 180, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 56) }
```

Border

The CSS property to change the border of an element to Yxy 43.1184, 0.4087, 0.4789 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(184, 180, 56) }
```

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

```
.border{ border-color:rgb(184, 180, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 56);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1184, 0.4087, 0.4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 56) }
```

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

```
.background{ background-color: rgb(184,  
180, 56) }
```

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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