

Converting Colors

$Yxy(46.2804, 0.3889, 0.4430)$

Have a look what the booklet for
Yxy(46.2804, 0.3889, 0.4430)
contains.

Yxy(46.0544, 0.3886, 0.4425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.0544, 0.3886, 0.4425)

Conversions

Conversions Part 1

Format	Color
Hex	BEB85F
RGB	190, 184, 95
RGB Percent	75%, 72%, 37%
CMY	0.2548, 0.2784, 0.6275
CMYK	0.00, 0.03, 0.50, 0.25
HSL	56°, 42%, 56%
HSV	56°, 50%, 75%
XYZ	40.4446, 46.0544, 17.5787
YIQ	175.6480, 32.1450, -26.4070

Conversions

Conversions Part 2

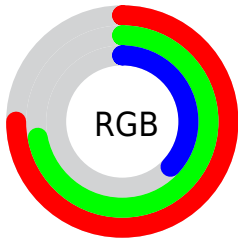
Format	Color
RYB	101, 190, 95
Decimal	12499039
CIELab	73.58, -10.05, 45.55
CIElCh	74, 46.642, 102.439
Yxy	46.0544, 0.3886, 0.4425
Android (android.graphics.Color)	4290689119 (0xFFBEB85F)
YUV	175.6480, -39.7595, 12.5867
Hunter-Lab	67.8634, -12.3801, 32.1464

Details

The Yxy color **46.0544, 0.3886, 0.4425** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **15.4583, 0.2200, 0.1822**, and the grayscale version is **43.4230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4148, 0.3761, 0.4221**, and **21.5653, 0.4062, 0.4719** is the 20% darker color. If you saturate the color by 10%, you get **45.2540, 0.4017, 0.4609**, and if you desaturate by 10%, it is **46.9476, 0.3741, 0.4214**.

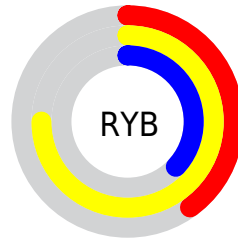
Distribution



Red (75%)

Green (72%)

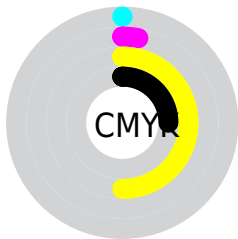
Blue (37%)



Red (40%)

Yellow (75%)

Blue (37%)

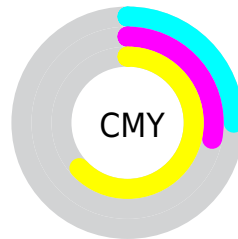


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0544, 0.3886, 0.4425 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 46.0544, 0.3886, 0.4425 by changing the saturation by 10% instead.

■ 46.0544, 0.3886,
0.4425

■ 46.0544, 0.3886,
0.4425

371.0273, 0.3529,
0.3862

■ 32.2888, 0.3963,
0.4558

■ 84.3004, 0.3765,
0.4225

■ 21.5821, 0.4051,
0.4721

■ 109.5496, 0.3716,
0.4148

■ 13.5502, 0.4152,
0.4924

■ 139.3953, 0.3675,
0.4082

■ 7.8085, 0.4255,
0.5173

■ 174.2221, 0.3638,
0.4026

■ 3.9727, 0.4420,
0.5580

214.4143, 0.3606,
0.3977

■ 1.6583, 0.4263,
0.5737

260.3563, 0.3577,

■ 0.3964, 0.2491,

0.3934

0.7509

312.4325, 0.3552,
0.3896

0.0000, 0.0000,
0.0000

46.0544, 0.3886,
0.4425

46.0544, 0.3886,
0.4425

45.2540, 0.4017,
0.4609

46.9476, 0.3741,
0.4214

44.5337, 0.4127,
0.4759

47.9328, 0.3587,
0.3987

43.8886, 0.4213,
0.4867

49.0174, 0.3430,
0.3753

43.3103, 0.4272,
0.4932

50.2059, 0.3276,
0.3518

42.7829, 0.4309,
0.4961

51.5030, 0.3127,
0.3290

■ 52.9127, 0.2987,
0.3073

■ 54.4389, 0.2857,
0.2870

■ 56.0856, 0.2737,
0.2682

■ 57.1272, 0.2690,
0.2615

Harmonies

Analogous

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



46.0544, 0.4317, 0.4079



46.0544, 0.3886, 0.4425



46.0544, 0.3277, 0.4449

Triad

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



46.0544, 0.3886, 0.4425



46.0544, 0.1985, 0.2764



46.0544, 0.3531, 0.2679

Complementary

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



46.0544, 0.3886, 0.4425



15.4583, 0.2200, 0.1822

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.



46.0544, 0.2867, 0.2385



46.0544, 0.3886, 0.4425



46.0544, 0.2036, 0.2394

Square

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



46.0544, 0.3886, 0.4425



46.0544, 0.2198, 0.3370



46.0544, 0.2338, 0.2278



46.0544, 0.4127, 0.3108

Rectangle

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



46.0544, 0.3886, 0.4425



46.0544, 0.2855, 0.4220



46.0544, 0.2338, 0.2278



46.0544, 0.3305, 0.2563

Sweetspot

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



46.0565, 0.3886, 0.4425



89.8074, 0.3356, 0.3640



20.0765, 0.4426, 0.3208



19.6211, 0.3389, 0.3690



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



46.0565, 0.3886, 0.4425



81.8546, 0.4028, 0.4625



44.0366, 0.3477, 0.4661



11.0141, 0.3266, 0.3503



28.4845, 0.4307, 0.4962



1.1473, 0.4277, 0.4986

Inverse Universe

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



15.4583, 0.2200, 0.1822



20.1843, 0.1980, 0.1459



17.1475, 0.2575, 0.1874



9.3198, 0.2984, 0.3068



2.6896, 0.1513, 0.0647



0.1389, 0.1563, 0.0825

Previews

White Background



This preview shows how the Yxy color 46.0544, 0.3886, 0.4425 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 46.0544, 0.3886, 0.4425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

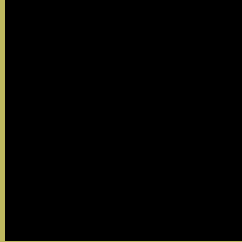
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0544, 0.3886, 0.4425

Background



This preview shows how black text looks on a background with the Yxy color 46.0544, 0.3886, 0.4425.



This preview shows how white text looks on a background with the Yxy color 46.0544, 0.3886, 0.4425.

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

46.0544, 0.3886, 0.4425

Protanopia

45.9980, 0.3996, 0.4366

Deuteranopia

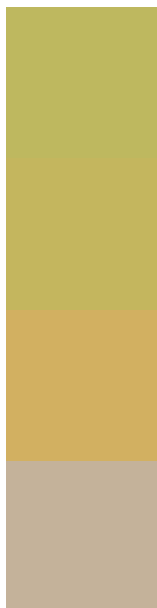
45.7590, 0.4235, 0.4143



Tritanopia

46.0021, 0.3241, 0.3128

Trichromacy



Original Color

46.0544, 0.3886, 0.4425

Protanomaly

45.9998, 0.3961, 0.4390

Deuteranomaly

45.6154, 0.4111, 0.4237

Tritanomaly

45.9096, 0.3491, 0.3600

Monochromacy



Original Color

46.0544, 0.3886, 0.4425

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.1705, 0.3410, 0.3724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0544, 0.3886, 0.4425 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(190, 184, 95)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 95)  
}
```

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(190, 184, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 95) }
```

Border

The CSS property to change the border of an element to Yxy 46.0544, 0.3886, 0.4425 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(190, 184, 95) }
```

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

```
.border{ border-color:rgb(190, 184, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 184, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 95);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0544, 0.3886, 0.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 95) }
```

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

```
.background{ background-color: rgb(190,  
184, 95) }
```

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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