

Converting Colors

$Y_{xy}(46.0472, 0.3743, 0.4177)$

Have a look what the booklet for
Yxy(46.0472, 0.3743, 0.4177)
contains.

Yxy(46.0519, 0.3743, 0.4177)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.0519, 0.3743, 0.4177)

Conversions

Conversions Part 1

Format	Color
Hex	BEB773
RGB	190, 183, 115
RGB Percent	75%, 72%, 45%
CMY	0.2548, 0.2824, 0.5490
CMYK	0.00, 0.04, 0.39, 0.25
HSL	54°, 37%, 60%
HSV	54°, 39%, 75%
XYZ	41.2670, 46.0519, 22.9322
YIQ	177.3410, 26.0000, -19.6640

Conversions

Conversions Part 2

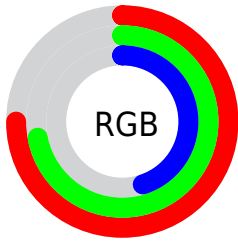
Format	Color
RYB	123, 190, 115
Decimal	12498803
CIELab	73.58, -7.51, 35.45
CIELCh	74, 36.239, 101.957
Yxy	46.0519, 0.3743, 0.4177
Android (android.graphics.Color)	4290688883 (0xFFBEB773)
YUV	177.3410, -30.7341, 11.1019
Hunter-Lab	67.8616, -10.2108, 27.4674

Details

The Yxy color **46.0519, 0.3743, 0.4177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **21.2875, 0.2424, 0.2212**, and the grayscale version is **44.3119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3343, 0.3634, 0.4017**, and **21.4978, 0.3896, 0.4425** is the 20% darker color. If you saturate the color by 10%, you get **44.9315, 0.3895, 0.4384**, and if you desaturate by 10%, it is **47.2760, 0.3584, 0.3955**.

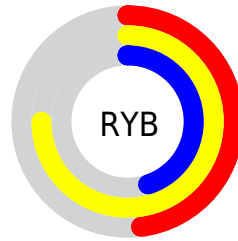
Distribution



Red (75%)

Green (72%)

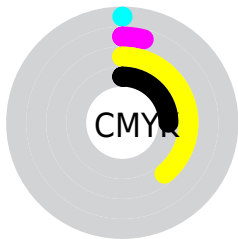
Blue (45%)



Red (48%)

Yellow (75%)

Blue (45%)

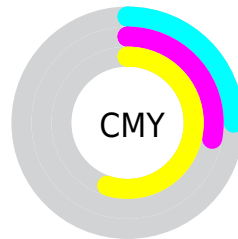


Cyan (0%)

Magenta (4%)

Yellow (39%)

Black (25%)



Cyan (25%)


Magenta (28%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0519, 0.3743, 0.4177 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 46.0519, 0.3743, 0.4177 by changing the saturation by 10% instead.


 46.0519, 0.3743,
0.4177


 46.0519, 0.3743,
0.4177


371.0173, 0.3446,
0.3733


 32.2868, 0.3811,
0.4285


 84.2967, 0.3639,
0.4017

 21.5806, 0.3895,
0.4422

 109.5451, 0.3598,
0.3956

 13.5491, 0.3997,
0.4597


 139.3901, 0.3564,
0.3905

 7.8077, 0.4120,
0.4826

174.2160, 0.3534,
0.3860

 3.9722, 0.4321,
0.5203

214.4073, 0.3507,
0.3822

 1.6580, 0.4420,
0.5580

260.3484, 0.3484,

 0.3962, 0.3279,

0.3789

0.6721

312.4236, 0.3464,
0.3759

0.0000, 0.0000,
0.0000

46.0519, 0.3743,
0.4177

46.0519, 0.3743,
0.4177

44.9315, 0.3895,
0.4384

47.2760, 0.3584,
0.3955

43.9028, 0.4035,
0.4567

48.6025, 0.3424,
0.3726

42.9617, 0.4155,
0.4715


50.0384, 0.3269,
0.3499

42.1012, 0.4251,
0.4823


51.5880, 0.3120,
0.3279

41.3128, 0.4320,
0.4886


53.2556, 0.2980,
0.3070

 40.5812, 0.4366,
0.4913

 55.0451, 0.2851,
0.2874

 40.5438, 0.4368,
0.4914

 56.9603, 0.2733,
0.2693

 58.2066, 0.2693,
0.2643

 59.0204, 0.2695,
0.2664

Harmonies

Analogous

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



46.0519, 0.4068, 0.3927



46.0519, 0.3743, 0.4177



46.0519, 0.3267, 0.4175

Triad

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



46.0519, 0.3743, 0.4177



46.0519, 0.2217, 0.2898



46.0519, 0.3439, 0.2799

Complementary

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



46.0519, 0.3743, 0.4177



21.2875, 0.2424, 0.2212

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.



46.0519, 0.2922, 0.2561



46.0519, 0.3743, 0.4177



46.0519, 0.2253, 0.2589

Square

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



46.0519, 0.3743, 0.4177



46.0519, 0.2399, 0.3370



46.0519, 0.2498, 0.2481



46.0519, 0.3897, 0.3150

Rectangle

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



46.0519, 0.3743, 0.4177



46.0519, 0.2933, 0.4000



46.0519, 0.2498, 0.2481



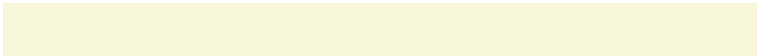
46.0519, 0.3264, 0.2705

Sweetspot

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



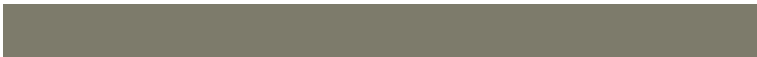
46.0540, 0.3743, 0.4177



89.9282, 0.3310, 0.3560



24.6284, 0.4002, 0.3188



19.6710, 0.3331, 0.3590



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.



46.0540, 0.3743, 0.4177



81.7394, 0.3870, 0.4350



45.5488, 0.3440, 0.4352



10.9637, 0.3266, 0.3496



27.0143, 0.4365, 0.4916



1.1032, 0.4319, 0.4952

Inverse Universe

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



21.2875, 0.2424, 0.2212



30.9095, 0.2255, 0.1942



22.0000, 0.2693, 0.2186



9.3652, 0.2984, 0.3075



2.8081, 0.1520, 0.0672



0.1590, 0.1591, 0.0926

Previews

White Background



This preview shows how the Yxy color 46.0519, 0.3743, 0.4177 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 46.0519, 0.3743, 0.4177 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 46.0519, 0.3743, 0.4177

Background



This preview shows how black text looks on a background with the Yxy color 46.0519, 0.3743, 0.4177.



This preview shows how white text looks on a background with the Yxy color 46.0519, 0.3743, 0.4177.

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

46.0519, 0.3743, 0.4177

Protanopia

46.1330, 0.3826, 0.4145

Deuteranopia

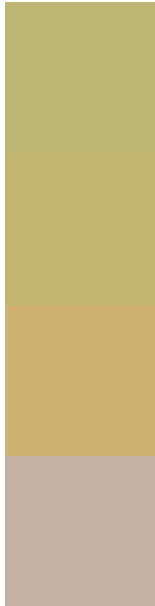
45.9232, 0.4035, 0.3962



Tritanopia

45.9087, 0.3224, 0.3116

Trichromacy



Original Color

46.0519, 0.3743, 0.4177

Protanomaly

46.1401, 0.3793, 0.4166

Deuteranomaly

45.9706, 0.3926, 0.4046

Tritanomaly

45.6196, 0.3424, 0.3497

Monochromacy



Original Color

46.0519, 0.3743, 0.4177

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.5184, 0.3360, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0519, 0.3743, 0.4177 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, 183, 115)` looks like.

```
.text, #text, p{  
    color:rgb(190, 183, 115)  
}
```

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, 183, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 183, 115) }
```

Border

The CSS property to change the border of an element to Yxy 46.0519, 0.3743, 0.4177 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, 183, 115) }
```

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

```
.border{ border-color:rgb(190, 183, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 183, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 183, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 183, 115);  
box-shadow:4px 4px 4px 4px rgb(190, 183,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0519, 0.3743, 0.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 183, 115) }
```

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

```
.background{ background-color: rgb(190,  
183, 115) }
```

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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