

Converting Colors

Yxy(46.2647, 0.3659, 0.4034)

Have a look what the booklet for
Yxy(46.2647, 0.3659, 0.4034)
contains.

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Color

Yxy(46.3205, 0.3655, 0.4038)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | BEB77E |
| RGB | 190, 183, 126 |
| RGB Percent | 75%, 72%, 49% |
| CMY | 0.2550, 0.2823, 0.5059 |
| CMYK | 0.00, 0.04, 0.34, 0.26 |
| HSL | 53°, 33%, 62% |
| HSV | 53°, 34%, 74% |
| XYZ | 41.9270, 46.3205, 26.4639 |
| YIQ | 178.5950, 22.4690, -16.2430 |

Conversions

Conversions Part 2

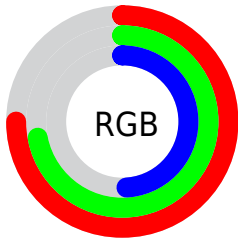
| Format | Color |
|-------------------------------------|---|
| RYB | 134, 190, 126 |
| Decimal | 12498814 |
| CIELab | 73.75, -6.25, 29.93 |
| CIELCh | 74, 30.578, 101.792 |
| Yxy | 46.3205, 0.3655, 0.4038 |
| Android (android.graphics.Color) | 4290688894 (0xFFBEB77E) |
| YUV | 178.5950, -25.9293, 10.0022 |
| Hunter-Lab | 68.0592, -9.1407, 24.5873 |

Details

The Yxy color **46.3205, 0.3655, 0.4038** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.9070, 0.2543, 0.2411**, and the grayscale version is **44.9821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7618, 0.3564, 0.3905**, and **21.7213, 0.3799, 0.4245** is the 20% darker color. If you saturate the color by 10%, you get **45.0331, 0.3814, 0.4253**, and if you desaturate by 10%, it is **47.7177, 0.3493, 0.3814**.

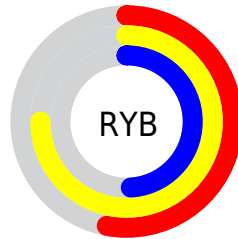
Distribution



Red (75%)

Green (72%)

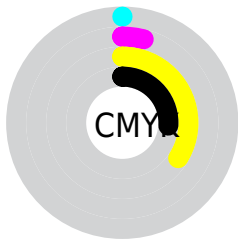
Blue (49%)



Red (53%)

Yellow (75%)

Blue (49%)

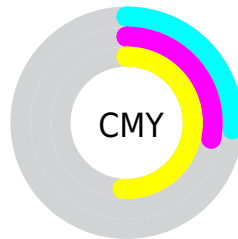


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (28%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3205, 0.3655, 0.4038 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 46.3205, 0.3655, 0.4038 by changing the saturation by 10% instead.


 46.3205, 0.3655,
0.4038

 46.3205, 0.3655,
0.4038


372.0957, 0.3397,
0.3662


 32.4988, 0.3716,
0.4131


 84.6985, 0.3564,
0.3902

 21.7428, 0.3791,
0.4248


 110.0235, 0.3529,
0.3851

 13.6680, 0.3887,
0.4402


 139.9518, 0.3499,
0.3807

 7.8901, 0.4008,
0.4608

174.8677, 0.3473,
0.3770

 4.0247, 0.4164,
0.4898

215.1557, 0.3450,
0.3738

 1.6874, 0.4500,
0.5500

261.2001, 0.3431,

 0.4155, 0.3684,

0.3709

0.6316

313.3853, 0.3413,
0.3684

0.0000, 0.0000,
0.0000

46.3205, 0.3655,
0.4038

46.3205, 0.3655,
0.4038

45.0331, 0.3814,
0.4253

47.7177, 0.3493,
0.3814

43.8439, 0.3966,
0.4448

49.2232, 0.3334,
0.3589

42.7491, 0.4102,
0.4616


50.8439, 0.3181,
0.3369


41.7421, 0.4217,
0.4746

52.5839, 0.3037,
0.3158

40.8153, 0.4306,
0.4834

54.4474, 0.2904,
0.2960


 39.9597, 0.4369,
0.4878

 56.4382, 0.2782,
0.2776

 39.4444, 0.4398,
0.4890

 58.3022, 0.2693,
0.2646

 59.2482, 0.2695,
0.2669

 60.2071, 0.2697,
0.2693

Harmonies

Analogous

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



46.3205, 0.3924, 0.3837



46.3205, 0.3655, 0.4038



46.3205, 0.3254, 0.4027

Triad

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



46.3205, 0.3655, 0.4038



46.3205, 0.2350, 0.2967



46.3205, 0.3390, 0.2870

Complementary

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



46.3205, 0.3655, 0.4038



24.9070, 0.2543, 0.2411

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.



46.3205, 0.2954, 0.2664



46.3205, 0.3655, 0.4038



46.3205, 0.2379, 0.2698

Square

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



46.3205, 0.3655, 0.4038



46.3205, 0.2511, 0.3364



46.3205, 0.2592, 0.2599



46.3205, 0.3772, 0.3174

Rectangle

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



46.3205, 0.3655, 0.4038



46.3205, 0.2970, 0.3881



46.3205, 0.2592, 0.2599



46.3205, 0.3243, 0.2788

Sweetspot

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



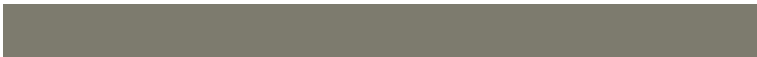
46.3226, 0.3655, 0.4038



90.2467, 0.3279, 0.3511



27.5663, 0.3811, 0.3189



19.7270, 0.3301, 0.3542



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.



46.3226, 0.3655, 0.4038



82.3301, 0.3767, 0.4189



46.3638, 0.3409, 0.4183



10.9387, 0.3267, 0.3493



26.3094, 0.4395, 0.4892



1.0818, 0.4341, 0.4935

Inverse Universe

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



24.9070, 0.2543, 0.2411



37.9201, 0.2404, 0.2193



25.1666, 0.2760, 0.2361



9.3877, 0.2984, 0.3079



2.8781, 0.1524, 0.0687



0.1690, 0.1604, 0.0974

Previews

White Background



This preview shows how the Yxy color 46.3205, 0.3655, 0.4038 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 46.3205, 0.3655, 0.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

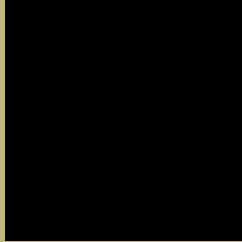
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3205, 0.3655, 0.4038

Background



This preview shows how black text looks on a background with the Yxy color 46.3205, 0.3655, 0.4038.



This preview shows how white text looks on a background with the Yxy color 46.3205, 0.3655, 0.4038.

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

46.3205, 0.3655, 0.4038

Protanopia

46.2642, 0.3728, 0.4012

Deuteranopia

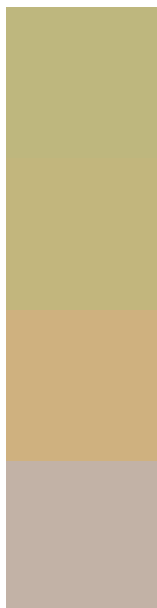
46.0446, 0.3929, 0.3836



Tritanopia

46.2044, 0.3206, 0.3116

Trichromacy



Original Color

46.3205, 0.3655, 0.4038

Protanomaly

46.4059, 0.3705, 0.4029

Deuteranomaly

46.2420, 0.3833, 0.3914

Tritanomaly

46.0633, 0.3369, 0.3445

Monochromacy



Original Color

46.3205, 0.3655, 0.4038

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2479, 0.3317, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3205, 0.3655, 0.4038 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(190, 183, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 183, 126) }
```

Border

The CSS property to change the border of an element to Yxy 46.3205, 0.3655, 0.4038 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, 126) }
```

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

```
.border{ border-color:rgb(190, 183, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 183, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 183, 126);  
box-shadow:4px 4px 4px 4px rgb(190, 183,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3205, 0.3655, 0.4038 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, 126) }
```

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

```
.background{ background-color: rgb(190,  
183, 126) }
```

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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