

Converting Colors

$Yxy(43.5288, 0.3610, 0.4032)$

Have a look what the booklet for
Yxy(43.5288, 0.3610, 0.4032)
contains.

Yxy(43.6405, 0.3612, 0.4036)	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(43.6405, 0.3612, 0.4036)

Conversions

Conversions Part 1

Format	Color
Hex	B6B37C
RGB	182, 179, 124
RGB Percent	71%, 70%, 49%
CMY	0.2861, 0.2981, 0.5137
CMYK	0.00, 0.02, 0.32, 0.29
HSL	57°, 28%, 60%
HSV	57°, 32%, 71%
XYZ	39.0559, 43.6405, 25.4317
YIQ	173.6270, 19.4430, -16.4690

Conversions

Conversions Part 2

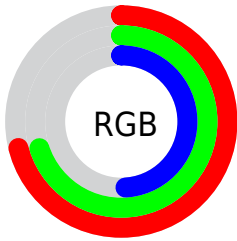
Format	Color
RYB	127, 182, 124
Decimal	11973500
CIELab	71.99, -7.53, 28.53
CIELCh	72, 29.511, 104.790
Yxy	43.6405, 0.3612, 0.4036
Android (android.graphics.Color)	4290163580 (0xFFB6B37C)
YUV	173.6270, -24.4661, 7.3431
Hunter-Lab	66.0610, -10.0758, 23.4176

Details

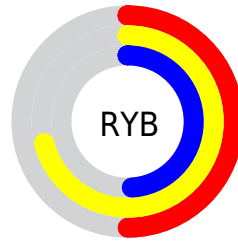
The Yxy color **43.6405, 0.3612, 0.4036** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.8527, 0.2574, 0.2415**, and the grayscale version is **42.2496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9417, 0.3529, 0.3900**, and **20.0053, 0.3743, 0.4255** is the 20% darker color. If you saturate the color by 10%, you get **42.8423, 0.3762, 0.4262**, and if you desaturate by 10%, it is **44.5304, 0.3457, 0.3801**.

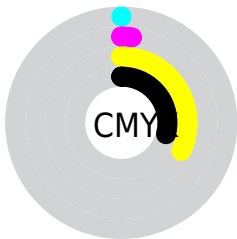
Distribution



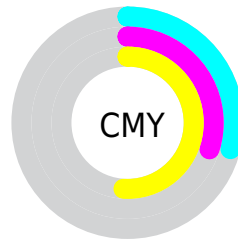
- Red (71%)
- Green (70%)
- Blue (49%)



- Red (50%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (29%)





- Cyan (29%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6405, 0.3612, 0.4036 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 43.6405, 0.3612, 0.4036 by changing the saturation by 10% instead.


 43.6405, 0.3612,
0.4036

 43.6405, 0.3612,
0.4036

361.2392, 0.3374,
0.3656


 30.3880, 0.3669,
0.4132


 80.6765, 0.3527,
0.3897

 20.1333, 0.3740,
0.4254


 105.2288, 0.3495,
0.3845

 12.4920, 0.3829,
0.4416


 134.3165, 0.3467,
0.3801

 7.0796, 0.3943,
0.4637

168.3239, 0.3443,
0.3764

 3.5120, 0.4102,
0.4971

207.6355, 0.3422,
0.3731

 1.4045, 0.4392,
0.5608

252.6356, 0.3404,

 0.2200, 0.1028,

0.3703

0.8972

303.7088, 0.3388,
0.3678

0.0000, 0.0000,
0.0000

43.6405, 0.3612,
0.4036

43.6405, 0.3612,
0.4036

42.8423, 0.3762,
0.4262

44.5304, 0.3457,
0.3801

42.1250, 0.3903,
0.4470

45.5102, 0.3303,
0.3564

41.4856, 0.4028,
0.4649


46.5862, 0.3154,
0.3333

40.9183, 0.4131,
0.4793


47.7619, 0.3013,
0.3111


40.4166, 0.4209,
0.4894


49.0411, 0.2881,
0.2904


 39.9725, 0.4260,
0.4953

 50.4271, 0.2759,
0.2711

 39.6418, 0.4288,
0.4978

 51.9231, 0.2648,
0.2533

 52.5541, 0.2628,
0.2509

 52.9595, 0.2629,
0.2520

Harmonies

Analogous

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



43.6405, 0.3894, 0.3856



43.6405, 0.3612, 0.4036



43.6405, 0.3210, 0.4000

Triad

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



43.6405, 0.3612, 0.4036



43.6405, 0.2356, 0.2939



43.6405, 0.3428, 0.2903

Complementary

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



43.6405, 0.3612, 0.4036



22.8527, 0.2574, 0.2415

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.



43.6405, 0.2998, 0.2688



43.6405, 0.3612, 0.4036



43.6405, 0.2403, 0.2690

Square

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



43.6405, 0.3612, 0.4036



43.6405, 0.2497, 0.3321



43.6405, 0.2630, 0.2608



43.6405, 0.3792, 0.3209

Rectangle

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



43.6405, 0.3612, 0.4036



43.6405, 0.2933, 0.3841



43.6405, 0.2630, 0.2608



43.6405, 0.3285, 0.2818

Sweetspot

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



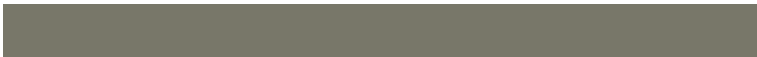
43.6425, 0.3612, 0.4036



82.7935, 0.3277, 0.3524



25.9188, 0.3795, 0.3236



18.2284, 0.3299, 0.3556



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.



43.6425, 0.3612, 0.4036



78.0900, 0.3714, 0.4190



42.0831, 0.3368, 0.4137



10.4205, 0.3265, 0.3504



28.0127, 0.4286, 0.4979



1.0123, 0.4260, 0.4999

Inverse Universe

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



22.8527, 0.2574, 0.2415



34.7077, 0.2437, 0.2195



24.1966, 0.2815, 0.2426



8.7930, 0.2984, 0.3066



2.5622, 0.1511, 0.0640



0.1160, 0.1555, 0.0798

Previews

White Background



This preview shows how the Yxy color 43.6405, 0.3612, 0.4036 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 43.6405, 0.3612, 0.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

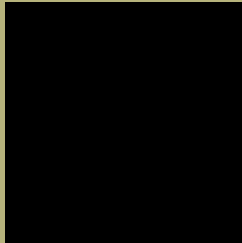
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6405, 0.3612, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 43.6405, 0.3612, 0.4036.



This preview shows how white text looks on a background with the Yxy color 43.6405, 0.3612, 0.4036.

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

43.6405, 0.3612, 0.4036

Protanopia

43.4279, 0.3709, 0.3993

Deuteranopia

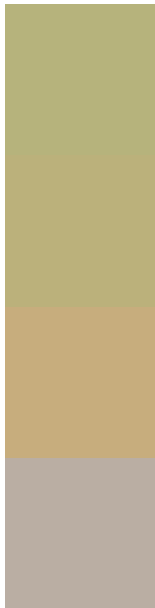
43.4376, 0.3899, 0.3828



Tritanopia

43.4474, 0.3171, 0.3110

Trichromacy



Original Color

43.6405, 0.3612, 0.4036

Protanomaly

43.4391, 0.3676, 0.4013

Deuteranomaly

43.5099, 0.3792, 0.3910

Tritanomaly

43.3556, 0.3329, 0.3437

Monochromacy



Original Color

43.6405, 0.3612, 0.4036

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7981, 0.3303, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6405, 0.3612, 0.4036 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(182, 179, 124)` looks like.

```
.text, #text, p{  
    color:rgb(182, 179, 124)  
}
```

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(182, 179, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 179, 124) }
```

Border

The CSS property to change the border of an element to Yxy 43.6405, 0.3612, 0.4036 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(182, 179, 124) }
```

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

```
.border{ border-color:rgb(182, 179, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 179, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(182, 179,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6405, 0.3612, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 179, 124) }
```

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

```
.background{ background-color: rgb(182,  
179, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor