

Converting Colors

$Yxy(43.2897, 0.3248, 0.3796)$

Have a look what the booklet for
Yxy(43.2897, 0.3248, 0.3796)
contains.

Yxy(43.3178, 0.3249, 0.3802)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3178, 0.3249, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	A3B692
RGB	163, 182, 146
RGB Percent	64%, 71%, 57%
CMY	0.3608, 0.2862, 0.4275
CMYK	0.10, 0.00, 0.20, 0.29
HSL	92°, 20%, 64%
HSV	92°, 20%, 71%
XYZ	37.0172, 43.3178, 33.5992
YIQ	172.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

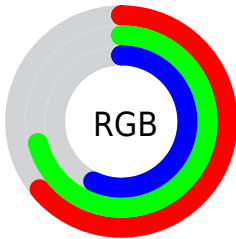
Format	Color
RYB	146, 182, 165
Decimal	10729106
CIELab	71.77, -13.18, 16.18
CIELCh	72, 20.866, 129.172
Yxy	43.3178, 0.3249, 0.3802
Android (android.graphics.Color)	4288919186 (0xFFA3B692)
YUV	172.2150, -12.9240, -8.0816
Hunter-Lab	65.8163, -14.7842, 15.8038

Details

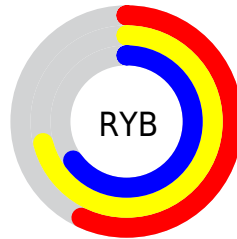
The Yxy color **43.3178, 0.3249, 0.3802** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.9331, 0.2983, 0.2782**, and the grayscale version is **41.4353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2246, 0.3228, 0.3704**, and **19.9062, 0.3283, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **41.8212, 0.3307, 0.4089**, and if you desaturate by 10%, it is **44.9855, 0.3188, 0.3533**.

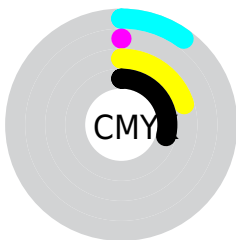
Distribution



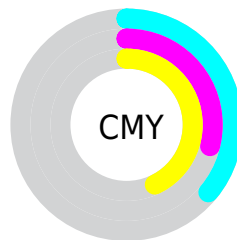
- Red (64%)
- Green (71%)
- Blue (57%)



- Red (57%)
- Yellow (71%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3178, 0.3249, 0.3802 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 43.3178, 0.3249, 0.3802 by changing the saturation by 10% instead.


 43.3178, 0.3249,
0.3802


 43.3178, 0.3249,
0.3802


359.9171, 0.3191,
0.3537

 30.1345, 0.3262,
0.3871


 80.1902, 0.3229,
0.3703

 19.9407, 0.3279,
0.3962


 104.6482, 0.3221,
0.3667

 12.3520, 0.3299,
0.4086


133.6331, 0.3214,
0.3636

 6.9839, 0.3324,
0.4265

167.5295, 0.3208,
0.3610

 3.4520, 0.3354,
0.4545

206.7217, 0.3203,
0.3588

 1.3720, 0.3564,
0.5320

251.5941, 0.3198,

 0.1960, 0.0000,

0.3569

1.0000

302.5311, 0.3194,
0.3552

0.0000, 0.0000,
0.0000

43.3178, 0.3249,
0.3802

43.3178, 0.3249,
0.3802

41.8212, 0.3307,
0.4089

44.9855, 0.3188,
0.3533

40.4841, 0.3357,
0.4387

46.8242, 0.3126,
0.3285

39.3020, 0.3397,
0.4687

48.8413, 0.3065,
0.3060

38.2680, 0.3422,
0.4974

51.0417, 0.3006,
0.2857

37.3747, 0.3429,
0.5235

53.4304, 0.2950,
0.2676

■ 36.6137, 0.3415,
0.5454

■ 55.9995, 0.2899,
0.2517

■ 35.9754, 0.3380,
0.5620

■ 57.5490, 0.2971,
0.2533

■ 35.4427, 0.3330,
0.5736

■ 59.1862, 0.3044,
0.2549

■ 35.4323, 0.3329,
0.5739

■ 60.9126, 0.3118,
0.2566

Harmonies

Analogous

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



43.3178, 0.3523, 0.3806



43.3178, 0.3249, 0.3802



43.3178, 0.2952, 0.3640

Triad

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



43.3178, 0.3249, 0.3802



43.3178, 0.2587, 0.2888



43.3178, 0.3557, 0.3192

Complementary

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



43.3178, 0.3249, 0.3802



31.9331, 0.2983, 0.2782

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.



43.3178, 0.3287, 0.2974



43.3178, 0.3249, 0.3802



43.3178, 0.2731, 0.2799

Square

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



43.3178, 0.3249, 0.3802



43.3178, 0.2579, 0.3094



43.3178, 0.2984, 0.2833



43.3178, 0.3708, 0.3441

Rectangle

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



43.3178, 0.3249, 0.3802



43.3178, 0.2780, 0.3467



43.3178, 0.2984, 0.2833



43.3178, 0.3476, 0.3113

Sweetspot

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



43.3197, 0.3249, 0.3802



82.7413, 0.3165, 0.3439



38.7873, 0.3463, 0.3548



18.2281, 0.3169, 0.3455



93.3107, 0.3127, 0.3290



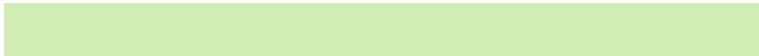
18.7317, 0.3127, 0.3290

Same Dimension

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



43.3197, 0.3249, 0.3802



77.2382, 0.3276, 0.3933



41.6636, 0.3097, 0.3816



10.2623, 0.3185, 0.3521



25.0580, 0.3338, 0.5732



0.9202, 0.3545, 0.5567

Inverse Universe

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



31.9331, 0.2983, 0.2782



52.6054, 0.2943, 0.2653



33.8537, 0.3155, 0.2815



8.9466, 0.3065, 0.3059



4.1861, 0.2092, 0.0926



0.1841, 0.2372, 0.1080

Previews

White Background



This preview shows how the Yxy color 43.3178, 0.3249, 0.3802 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 43.3178, 0.3249, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

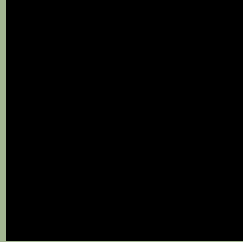
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

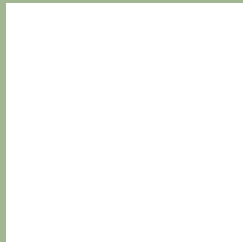
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3178, 0.3249, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 43.3178, 0.3249, 0.3802.



This preview shows how white text looks on a background with the Yxy color 43.3178, 0.3249, 0.3802.

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

43.3178, 0.3249, 0.3802

Protanopia

43.0822, 0.3501, 0.3721

Deuteranopia

43.1024, 0.3619, 0.3547



Tritanopia

43.3144, 0.2965, 0.3103

Trichromacy



Original Color

43.3178, 0.3249, 0.3802

Protanomaly

43.3194, 0.3409, 0.3757

Deuteranomaly

43.1016, 0.3479, 0.3638

Tritanomaly

43.1123, 0.3064, 0.3345

Monochromacy



Original Color

43.3178, 0.3249, 0.3802

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1300, 0.3172, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3178, 0.3249, 0.3802 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(163, 182, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 182, 146)  
}
```

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(163, 182, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 182, 146) }
```

Border

The CSS property to change the border of an element to Yxy 43.3178, 0.3249, 0.3802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

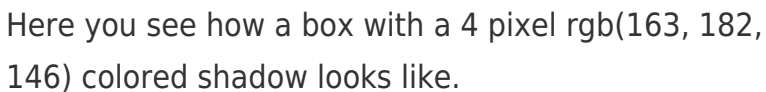
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 182, 146) }
```

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

```
.border{ border-color:rgb(163, 182, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 182, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 182, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 182, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 182,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3178, 0.3249, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 182, 146) }
```

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

```
.background{ background-color: rgb(163,  
182, 146) }
```

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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