

Converting Colors

$Yxy(43.2577, 0.3446, 0.4140)$

Have a look what the booklet for
Yxy(43.2577, 0.3446, 0.4140)
contains.

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Color

Yxy(43.2964, 0.3447, 0.4142)

Conversions

Conversions Part 1

Format	Color
Hex	A5B77B
RGB	165, 183, 123
RGB Percent	65%, 72%, 48%
CMY	0.3528, 0.2824, 0.5176
CMYK	0.10, 0.00, 0.33, 0.28
HSL	78°, 29%, 60%
HSV	78°, 33%, 72%
XYZ	36.0316, 43.2964, 25.2022
YIQ	170.7780, 8.5320, -22.4760

Conversions

Conversions Part 2

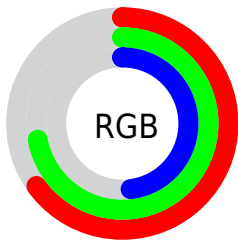
Format	Color
R_{YB}	123, 183, 141
Decimal	10860411
CIE _{Lab}	71.76, -16.39, 28.51
CIE _{LCh}	72, 32.881, 119.895
Yxy	43.2964, 0.3447, 0.4142
Android (android.graphics.Color)	4289050491 (0xFFA5B77B)
YUV	170.7780, -23.5546, -5.0673
Hunter-Lab	65.8000, -17.4048, 23.3512

Details

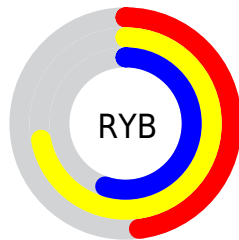
The Yxy color **43.2964, 0.3447, 0.4142** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.2501, 0.2723, 0.2379**, and the grayscale version is **40.7288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2397, 0.3397, 0.3978**, and **19.8910, 0.3521, 0.4414** is the 20% darker color. If you saturate the color by 10%, you get **42.3066, 0.3534, 0.4414**, and if you desaturate by 10%, it is **44.4009, 0.3352, 0.3870**.

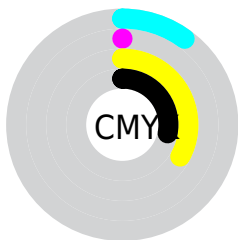
Distribution



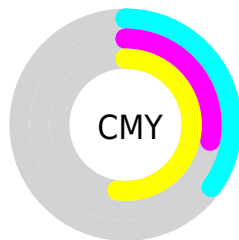
- Red (65%)
- Green (72%)
- Blue (48%)



- Red (48%)
- Yellow (72%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)





- Cyan (35%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2964, 0.3447, 0.4142 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 43.2964, 0.3447, 0.4142 by changing the saturation by 10% instead.


 43.2964, 0.3447,
0.4142


 43.2964, 0.3447,
0.4142

359.8293, 0.3295,
0.3699

 30.1177, 0.3481,
0.4257

 80.1579, 0.3394,
0.3978

 19.9280, 0.3521,
0.4406


 104.6096, 0.3374,
0.3917

 12.3427, 0.3570,
0.4607


 133.5878, 0.3356,
0.3866

 6.9775, 0.3623,
0.4889

167.4768, 0.3341,
0.3823

 3.4480, 0.3689,
0.5337

206.6610, 0.3327,
0.3785

 1.3699, 0.3792,
0.6208

251.5250, 0.3315,

 0.1944, 0.0000,

0.3753

1.0000

302.4529, 0.3305,
0.3725

0.0000, 0.0000,
0.0000

43.2964, 0.3447,
0.4142

43.2964, 0.3447,
0.4142

42.3066, 0.3534,
0.4414

44.4009, 0.3352,
0.3870

41.4207, 0.3609,
0.4675

45.6190, 0.3253,
0.3607

40.6350, 0.3665,
0.4915


46.9571, 0.3154,
0.3357


39.9432, 0.3700,
0.5122


48.4194, 0.3058,
0.3123

39.3385, 0.3710,
0.5286

50.0097, 0.2966,
0.2909


 38.8122, 0.3695,
0.5403

 51.7319, 0.2878,
0.2713

 38.4689, 0.3674,
0.5465

 53.5894, 0.2797,
0.2536

 54.6222, 0.2812,
0.2508

 55.4348, 0.2852,
0.2517

Harmonies

Analogous

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



43.2964, 0.3845, 0.4044



43.2964, 0.3447, 0.4142



43.2964, 0.2981, 0.3965

Triad

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



43.2964, 0.3447, 0.4142



43.2964, 0.2274, 0.2734



43.2964, 0.3687, 0.3021

Complementary

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



43.2964, 0.3447, 0.4142



23.2501, 0.2723, 0.2379

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.



43.2964, 0.3222, 0.2727



43.2964, 0.3447, 0.4142



43.2964, 0.2427, 0.2555

Square

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



43.2964, 0.3447, 0.4142



43.2964, 0.2324, 0.3092



43.2964, 0.2763, 0.2560



43.2964, 0.4001, 0.3385

Rectangle

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



43.2964, 0.3447, 0.4142



43.2964, 0.2696, 0.3710



43.2964, 0.2763, 0.2560



43.2964, 0.3541, 0.2912

Sweetspot

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



43.2983, 0.3447, 0.4142



82.3124, 0.3227, 0.3540



30.2568, 0.3794, 0.3534



18.1082, 0.3241, 0.3576



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.



43.2983, 0.3447, 0.4142



76.3104, 0.3508, 0.4329



40.5308, 0.3189, 0.4216



10.3647, 0.3219, 0.3519



26.8752, 0.3680, 0.5460



0.9780, 0.3818, 0.5350

Inverse Universe

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



23.2501, 0.2723, 0.2379



35.0822, 0.2617, 0.2161



26.1352, 0.3025, 0.2454



8.8464, 0.3030, 0.3057



2.9796, 0.1713, 0.0717



0.1383, 0.2014, 0.0883

Previews

White Background



This preview shows how the Yxy color 43.2964, 0.3447, 0.4142 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 43.2964, 0.3447, 0.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

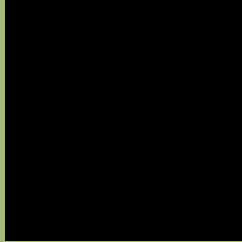
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2964, 0.3447, 0.4142

Background



This preview shows how black text looks on a background with the Yxy color 43.2964, 0.3447, 0.4142.



This preview shows how white text looks on a background with the Yxy color 43.2964, 0.3447, 0.4142.

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

43.2964, 0.3447, 0.4142

Protanopia

42.9632, 0.3739, 0.4020

Deuteranopia

42.9215, 0.3894, 0.3818



Tritanopia

43.3327, 0.3007, 0.3104

Trichromacy



Original Color

43.2964, 0.3447, 0.4142

Protanomaly

43.0450, 0.3631, 0.4067

Deuteranomaly

42.5743, 0.3724, 0.3926

Tritanomaly

43.2153, 0.3171, 0.3469

Monochromacy



Original Color

43.2964, 0.3447, 0.4142

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4281, 0.3248, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2964, 0.3447, 0.4142 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(165, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(165, 183, 123)  
}
```

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(165, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 183, 123) }
```

Border

The CSS property to change the border of an element to Yxy 43.2964, 0.3447, 0.4142 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(165, 183, 123) }
```

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

```
.border{ border-color:rgb(165, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(165, 183,  
123) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.2964, 0.3447, 0.4142$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 183, 123) }
```

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

```
.background{ background-color: rgb(165,  
183, 123) }
```

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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