

Converting Colors

$Yxy(46.2093, 0.3441, 0.4104)$

Have a look what the booklet for
Yxy(46.2093, 0.3441, 0.4104)
contains.

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Color

Yxy(46.2093, 0.3441, 0.4104)

Conversions

Conversions Part 1

Format	Color
Hex	ABBC81
RGB	171, 188, 129
RGB Percent	67%, 74%, 51%
CMY	0.3293, 0.2628, 0.4942
CMYK	0.09, 0.00, 0.31, 0.26
HSL	77°, 31%, 62%
HSV	77°, 31%, 74%
XYZ	38.7442, 46.2093, 27.6423
YIQ	176.1910, 8.8070, -21.9530

Conversions

Conversions Part 2

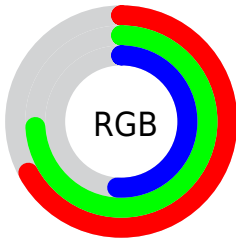
Format	Color
R _{YB}	129, 188, 146
Decimal	11254913
CIE Lab	73.68, -15.83, 27.98
CIE LCh	74, 32.148, 119.489
Yxy	46.2093, 0.3441, 0.4104
Android (android.graphics.Color)	4289444993 (0xFFABBC81)
YUV	176.1910, -23.2652, -4.5525
Hunter-Lab	67.9774, -17.2232, 23.4746

Details

The Yxy color **46.2093, 0.3441, 0.4104** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.4362, 0.2736, 0.2418**, and the grayscale version is **43.6439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4097, 0.3393, 0.3952**, and **21.7440, 0.3512, 0.4352** is the 20% darker color. If you saturate the color by 10%, you get **45.1616, 0.3532, 0.4375**, and if you desaturate by 10%, it is **47.3779, 0.3343, 0.3833**.

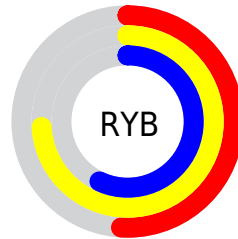
Distribution



Red (67%)

Green (74%)

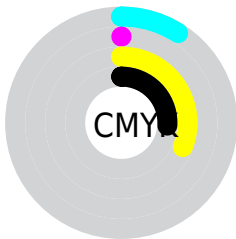
Blue (51%)



Red (51%)

Yellow (74%)

Blue (57%)

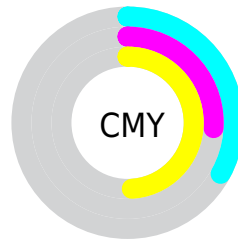


Cyan (9%)

Magenta (0%)

Yellow (31%)

Black (26%)



Cyan (33%)

Magenta (26%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2093, 0.3441, 0.4104 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 46.2093, 0.3441, 0.4104 by changing the saturation by 10% instead.

 46.2093, 0.3441,
0.4104


 46.2093, 0.3441,
0.4104


371.6495, 0.3293,
0.3686

 32.4110, 0.3474,
0.4211


 84.5321, 0.3390,
0.3950

 21.6756, 0.3514,
0.4349


 109.8255, 0.3370,
0.3893

 13.6188, 0.3562,
0.4533


 139.7193, 0.3353,
0.3845

 7.8560, 0.3617,
0.4791

174.5980, 0.3337,
0.3804

 4.0029, 0.3671,
0.5169

214.8460, 0.3324,
0.3768

 1.6752, 0.3901,
0.6099

260.8476, 0.3313,

 0.4075, 0.0025,

0.3737

0.9975

312.9873, 0.3302,
0.3710

0.0000, 0.0000,
0.0000

46.2093, 0.3441,
0.4104

46.2093, 0.3441,
0.4104

45.1616, 0.3532,
0.4375

47.3779, 0.3343,
0.3833

44.2234, 0.3610,
0.4638

48.6662, 0.3242,
0.3571

43.3908, 0.3672,
0.4879

50.0808, 0.3141,
0.3323


42.6574, 0.3711,
0.5089


51.6263, 0.3043,
0.3092

42.0157, 0.3727,
0.5256


53.3067, 0.2950,
0.2879


 41.4572, 0.3717,
0.5377

 55.1258, 0.2862,
0.2686

 41.0283, 0.3693,
0.5450

 56.7224, 0.2815,
0.2563

 57.5238, 0.2854,
0.2571

 58.3522, 0.2893,
0.2579

Harmonies

Analogous

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



46.2093, 0.3820, 0.4010



46.2093, 0.3441, 0.4104



46.2093, 0.2994, 0.3938

Triad

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



46.2093, 0.3441, 0.4104



46.2093, 0.2307, 0.2762



46.2093, 0.3657, 0.3028

Complementary

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



46.2093, 0.3441, 0.4104



25.4362, 0.2736, 0.2418

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.



46.2093, 0.3213, 0.2746



46.2093, 0.3441, 0.4104



46.2093, 0.2452, 0.2586

Square

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



46.2093, 0.3441, 0.4104



46.2093, 0.2358, 0.3108



46.2093, 0.2773, 0.2587



46.2093, 0.3960, 0.3379

Rectangle

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



46.2093, 0.3441, 0.4104



46.2093, 0.2720, 0.3696



46.2093, 0.2773, 0.2587



46.2093, 0.3517, 0.2923

Sweetspot

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



46.2113, 0.3441, 0.4104



88.7566, 0.3219, 0.3514



32.7441, 0.3759, 0.3524



19.0089, 0.3234, 0.3551



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.2113, 0.3441, 0.4104



82.3564, 0.3508, 0.4301



43.2812, 0.3188, 0.4173



10.9790, 0.3221, 0.3520



27.9743, 0.3699, 0.5445



1.1275, 0.3823, 0.5347

Inverse Universe

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



25.4362, 0.2736, 0.2418



38.4917, 0.2623, 0.2189



28.4674, 0.3030, 0.2489



9.3547, 0.3027, 0.3056



3.0406, 0.1697, 0.0708



0.1536, 0.1972, 0.0860

Previews

White Background



This preview shows how the Yxy color 46.2093, 0.3441, 0.4104 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 46.2093, 0.3441, 0.4104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

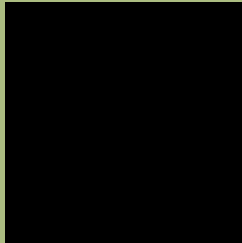
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2093, 0.3441, 0.4104

Background



This preview shows how black text looks on a background with the Yxy color 46.2093, 0.3441, 0.4104.



This preview shows how white text looks on a background with the Yxy color 46.2093, 0.3441, 0.4104.

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

46.2093, 0.3441, 0.4104

Protanopia

46.1562, 0.3710, 0.4002

Deuteranopia

45.8492, 0.3874, 0.3792



Tritanopia

46.2409, 0.3018, 0.3109

Trichromacy



Original Color

46.2093, 0.3441, 0.4104

Protanomaly

46.2524, 0.3606, 0.4046

Deuteranomaly

45.4852, 0.3709, 0.3896

Tritanomaly

46.1164, 0.3179, 0.3464

Monochromacy



Original Color

46.2093, 0.3441, 0.4104

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.1444, 0.3245, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2093, 0.3441, 0.4104 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(171, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(171, 188, 129)  
}
```

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(171, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 188, 129) }
```

Border

The CSS property to change the border of an element to Yxy 46.2093, 0.3441, 0.4104 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(171, 188, 129) }
```

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

```
.border{ border-color:rgb(171, 188, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 188, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 188, 129); box-shadow:4px 4px 4px 4px rgb(171, 188, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2093, 0.3441, 0.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 188, 129) }
```

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

```
.background{ background-color: rgb(171,  
188, 129) }
```

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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