

Converting Colors

$Yxy(46.0825, 0.3549, 0.3704)$

Have a look what the booklet for
Yxy(46.0825, 0.3549, 0.3704)
contains.

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Color

Yxy(46.0825, 0.3549, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	C4B393
RGB	196, 179, 147
RGB Percent	77%, 70%, 58%
CMY	0.2313, 0.2980, 0.4235
CMYK	0.00, 0.09, 0.25, 0.23
HSL	39°, 29%, 67%
HSV	39°, 25%, 77%
XYZ	44.1541, 46.0825, 34.1762
YIQ	180.4350, 20.4040, -6.3480

Conversions

Conversions Part 2

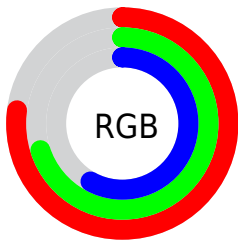
Format	Color
RYB	173, 196, 147
Decimal	12891027
CIELab	73.60, 1.04, 18.56
CIElCh	74, 18.590, 86.800
Yxy	46.0825, 0.3549, 0.3704
Android (android.graphics.Color)	4291081107 (0xFFC4B393)
YUV	180.4350, -16.4835, 13.6505
Hunter-Lab	67.8841, -2.6947, 17.6694

Details

The Yxy color **46.0825, 0.3549, 0.3704** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7493, 0.2724, 0.2838**, and the grayscale version is **45.9720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5164, 0.3472, 0.3634**, and **21.5170, 0.3677, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **42.8600, 0.3745, 0.3876**, and if you desaturate by 10%, it is **49.5487, 0.3368, 0.3534**.

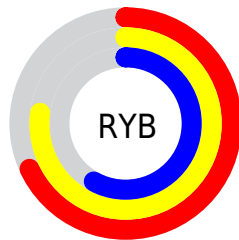
Distribution



Red (77%)

Green (70%)

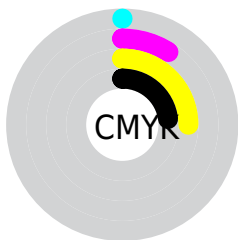
Blue (58%)



Red (68%)

Yellow (77%)

Blue (58%)

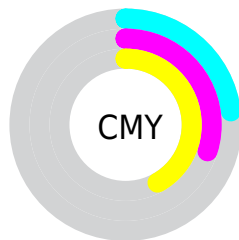


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (23%)



Cyan (23%)


Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0825, 0.3549, 0.3704 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 46.0825, 0.3549, 0.3704 by changing the saturation by 10% instead.


 46.0825, 0.3549,
0.3704


 46.0825, 0.3549,
0.3704


371.1402, 0.3338,
0.3498

 32.3109, 0.3601,
0.3755


 84.3425, 0.3472,
0.3629

 21.5991, 0.3668,
0.3820


 109.5996, 0.3444,
0.3601

 13.5626, 0.3756,
0.3905


139.4541, 0.3419,
0.3578

 7.8171, 0.3878,
0.4021

174.2903, 0.3398,
0.3557

 3.9781, 0.4053,
0.4187

214.4926, 0.3380,
0.3539

 1.6613, 0.4468,
0.4588

260.4455, 0.3364,

 0.3984, 0.5035,

0.3524

0.4965

312.5332, 0.3351,
0.3510

0.0000, 0.0000,
0.0000

46.0825, 0.3549,
0.3704

46.0825, 0.3549,
0.3704

42.8600, 0.3745,
0.3876

49.5487, 0.3368,
0.3534

39.8676, 0.3953,
0.4042

53.2591, 0.3203,
0.3369

37.0997, 0.4167,
0.4194

57.2222, 0.3055,
0.3213

34.5479, 0.4380,
0.4321

61.4442, 0.2923,
0.3068

32.2030, 0.4581,
0.4411

65.9311, 0.2805,
0.2933

■ 30.0546, 0.4760,
0.4455

■ 70.0533, 0.2753,
0.2906

■ 28.0905, 0.4907,
0.4448

■ 73.6945, 0.2759,
0.2982

■ 27.1662, 0.4974,
0.4433

■ 77.4827, 0.2765,
0.3057

■ 81.4196, 0.2771,
0.3132

Harmonies

Analogous

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



46.0825, 0.3645, 0.3547



46.0825, 0.3549, 0.3704



46.0825, 0.3340, 0.3753

Triad

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



46.0825, 0.3549, 0.3704



46.0825, 0.2680, 0.3216



46.0825, 0.3158, 0.2951

Complementary

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



46.0825, 0.3549, 0.3704



36.7493, 0.2724, 0.2838

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.



46.0825, 0.2903, 0.2863



46.0825, 0.3549, 0.3704



46.0825, 0.2635, 0.3004

Square

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



46.0825, 0.3549, 0.3704



46.0825, 0.2840, 0.3464



46.0825, 0.2715, 0.2879



46.0825, 0.3414, 0.3120

Rectangle

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



46.0825, 0.3549, 0.3704



46.0825, 0.3168, 0.3710



46.0825, 0.2715, 0.2879



46.0825, 0.3069, 0.2911

Sweetspot

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



46.0846, 0.3549, 0.3704



95.0130, 0.3237, 0.3403



35.2948, 0.3468, 0.3066



20.2470, 0.3246, 0.3413



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



46.0846, 0.3549, 0.3704



80.2252, 0.3655, 0.3798



52.3669, 0.3437, 0.3920



11.1506, 0.3273, 0.3440



17.6195, 0.4960, 0.4444



0.8860, 0.4748, 0.4612

Inverse Universe

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



36.7493, 0.2724, 0.2838



60.4342, 0.2629, 0.2722



31.7632, 0.2767, 0.2601



10.3071, 0.2984, 0.3135



5.3670, 0.1648, 0.1133



0.3618, 0.1778, 0.1599

Previews

White Background



This preview shows how the Yxy color 46.0825, 0.3549, 0.3704 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 46.0825, 0.3549, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

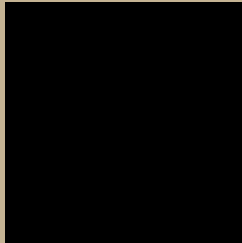
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

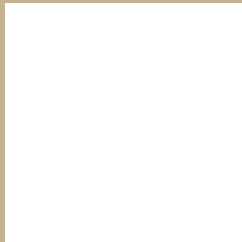
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0825, 0.3549, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 46.0825, 0.3549, 0.3704.



This preview shows how white text looks on a background with the Yxy color 46.0825, 0.3549, 0.3704.

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

46.0825, 0.3549, 0.3704

Protanopia

45.8570, 0.3491, 0.3710

Deuteranopia

46.1119, 0.3688, 0.3614



Tritanopia

45.8925, 0.3260, 0.3117

Trichromacy



Original Color

46.0825, 0.3549, 0.3704

Protanomaly

46.1181, 0.3510, 0.3707

Deuteranomaly

46.1679, 0.3634, 0.3643

Tritanomaly

45.7806, 0.3369, 0.3329

Monochromacy



Original Color

46.0825, 0.3549, 0.3704

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.9088, 0.3277, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0825, 0.3549, 0.3704 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(196, 179, 147)` looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 147)  
}
```

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(196, 179, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 147) }
```

Border

The CSS property to change the border of an element to Yxy 46.0825, 0.3549, 0.3704 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(196, 179, 147) }
```

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

```
.border{ border-color:rgb(196, 179, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 179, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 147);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0825, 0.3549, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 147) }
```

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

```
.background{ background-color: rgb(196,  
179, 147) }
```

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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