

Converting Colors

$Yxy(46.0075, 0.3373, 0.3697)$

Have a look what the booklet for
Yxy(46.0075, 0.3373, 0.3697)
contains.

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Color

Yxy(46.2013, 0.3378, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	B7B798
RGB	183, 183, 152
RGB Percent	72%, 72%, 60%
CMY	0.2822, 0.2824, 0.4040
CMYK	0.00, 0.00, 0.17, 0.28
HSL	60°, 18%, 66%
HSV	60°, 17%, 72%
XYZ	42.1350, 46.2013, 36.3972
YIQ	179.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

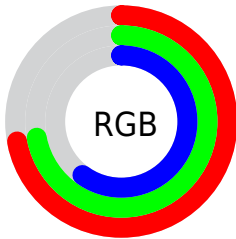
Format	Color
RYB	152, 183, 152
Decimal	12040088
CIELab	73.68, -5.29, 15.81
CIELCh	74, 16.672, 108.495
Yxy	46.2013, 0.3378, 0.3704
Android (android.graphics.Color)	4290230168 (0xFFB7B798)
YUV	179.4660, -13.5407, 3.0993
Hunter-Lab	67.9715, -8.2995, 15.8316

Details

The Yxy color **46.2013, 0.3378, 0.3704** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.5611, 0.2854, 0.2840**, and the grayscale version is **45.4138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5400, 0.3334, 0.3632**, and **21.6507, 0.3449, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **45.6390, 0.3528, 0.3952**, and if you desaturate by 10%, it is **46.8602, 0.3229, 0.3457**.

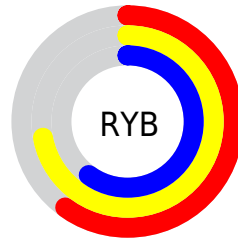
Distribution



Red (72%)

Green (72%)

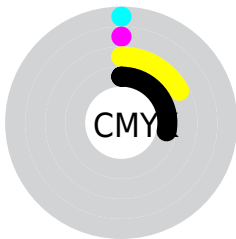
Blue (60%)



Red (60%)

Yellow (72%)

Blue (60%)

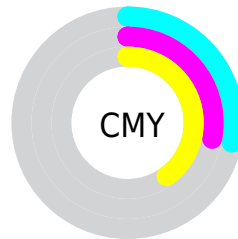


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (28%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2013, 0.3378, 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 46.2013, 0.3378, 0.3704 by changing the saturation by 10% instead.


 46.2013, 0.3378,
0.3704


 46.2013, 0.3378,
0.3704


371.6174, 0.3254,
0.3495

 32.4047, 0.3408,
0.3757


 84.5202, 0.3333,
0.3627

 21.6708, 0.3447,
0.3825


 109.8113, 0.3316,
0.3599

 13.6152, 0.3498,
0.3917


139.7026, 0.3302,
0.3575

 7.8535, 0.3567,
0.4045

174.5786, 0.3290,
0.3554

 4.0014, 0.3665,
0.4237

214.8237, 0.3279,
0.3536

 1.6743, 0.3874,
0.4626

260.8223, 0.3270,

 0.4070, 0.3877,

0.3520

0.6123

312.9587, 0.3261,
0.3507

0.0000, 0.0000,
0.0000

46.2013, 0.3378,
0.3704

46.2013, 0.3378,
0.3704

45.6390, 0.3528,
0.3952

46.8602, 0.3229,
0.3457

45.1631, 0.3674,
0.4193

47.6136, 0.3084,
0.3219

44.7708, 0.3811,
0.4419

48.4672, 0.2946,
0.2992

44.4574, 0.3933,
0.4619

49.4246, 0.2818,
0.2780

44.2173, 0.4034,
0.4785

50.4892, 0.2700,
0.2584

■ 44.0443, 0.4111,
0.4912

■ 51.2176, 0.2630,
0.2470

■ 43.9312, 0.4162,
0.4996

■ 51.2277, 0.2630,
0.2470

■ 43.8679, 0.4189,
0.5040

■ 51.2378, 0.2630,
0.2470

■ 43.8526, 0.4196,
0.5051

■ 51.2480, 0.2630,
0.2471

Harmonies

Analogous

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



46.2013, 0.3541, 0.3631



46.2013, 0.3378, 0.3704



46.2013, 0.3152, 0.3659

Triad

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



46.2013, 0.3378, 0.3704



46.2013, 0.2684, 0.3081



46.2013, 0.3325, 0.3090

Complementary

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



46.2013, 0.3378, 0.3704



32.5611, 0.2854, 0.2840

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.



46.2013, 0.3089, 0.2954



46.2013, 0.3378, 0.3704



46.2013, 0.2726, 0.2943

Square

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



46.2013, 0.3378, 0.3704



46.2013, 0.2756, 0.3286



46.2013, 0.2871, 0.2900



46.2013, 0.3511, 0.3276

Rectangle

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



46.2013, 0.3378, 0.3704



46.2013, 0.2996, 0.3565



46.2013, 0.2871, 0.2900



46.2013, 0.3248, 0.3037

Sweetspot

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



46.2033, 0.3378, 0.3704



84.1286, 0.3201, 0.3412



34.8082, 0.3441, 0.3284



18.5615, 0.3211, 0.3429



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.



46.2033, 0.3378, 0.3704



82.3542, 0.3429, 0.3788



44.4769, 0.3244, 0.3722



10.5013, 0.3264, 0.3516



30.5795, 0.4196, 0.5051



1.0787, 0.4195, 0.5051

Inverse Universe

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



32.5611, 0.2854, 0.2840



53.7676, 0.2793, 0.2739



34.0882, 0.2993, 0.2857



8.7214, 0.2984, 0.3054



2.3896, 0.1500, 0.0601



0.0849, 0.1502, 0.0605

Previews

White Background



This preview shows how the Yxy color 46.2013, 0.3378, 0.3704 looks on a white background.

Color Contrast Check

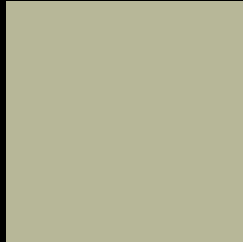
Large Text (above 18pt) WCAG AA × Fail

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 46.2013, 0.3378, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

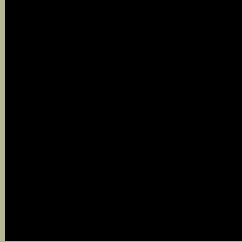
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

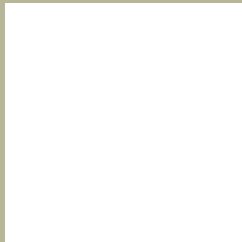
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2013, 0.3378, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 46.2013, 0.3378, 0.3704.



This preview shows how white text looks on a background with the Yxy color 46.2013, 0.3378, 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

46.2013, 0.3378, 0.3704

Protanopia

46.3585, 0.3463, 0.3683

Deuteranopia

46.0151, 0.3615, 0.3540



Tritanopia

45.8972, 0.3110, 0.3112

Trichromacy



Original Color

46.2013, 0.3378, 0.3704

Protanomaly

46.3816, 0.3433, 0.3699

Deuteranomaly

45.8863, 0.3530, 0.3598

Tritanomaly

45.8536, 0.3204, 0.3316

Monochromacy



Original Color

46.2013, 0.3378, 0.3704

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2104, 0.3216, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2013, 0.3378, 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(183, 183, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 152)  
}
```

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(183, 183, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 152) }
```

Border

The CSS property to change the border of an element to Yxy 46.2013, 0.3378, 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(183, 183, 152) }
```

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

```
.border{ border-color:rgb(183, 183, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2013, 0.3378, 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(183, 183, 152) }
```

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

```
.background{ background-color: rgb(183,  
183, 152) }
```

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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