

Converting Colors

$Y_{xy}(41.7013, 0.3192, 0.3154)$

Have a look what the booklet for
Yxy(41.7013, 0.3192, 0.3154)
contains.

Yxy(41.5742, 0.3189, 0.3145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.5742, 0.3189, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	B9A8B3
RGB	185, 168, 179
RGB Percent	73%, 66%, 70%
CMY	0.2743, 0.3412, 0.2980
CMYK	0.00, 0.09, 0.03, 0.27
HSL	321°, 11%, 69%
HSV	321°, 9%, 73%
XYZ	42.1558, 41.5742, 48.4614
YIQ	174.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

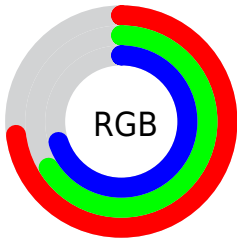
Format	Color
RYB	185, 168, 179
Decimal	12167347
CIELab	70.58, 8.13, -3.43
CIELCh	71, 8.829, 337.128
Yxy	41.5742, 0.3189, 0.3145
Android (android.graphics.Color)	4290357427 (0xFFB9A8B3)
YUV	174.3370, 2.2989, 9.3515
Hunter-Lab	64.4781, 3.8669, 0.5726

Details

The Yxy color $41.5742, 0.3189, 0.3145$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.0954, 0.3070, 0.3440$, and the grayscale version is $42.4988, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4743, 0.3175, 0.3168$, and $18.9027, 0.3212, 0.3110$ is the 20% darker color. If you saturate the color by 10%, you get $34.9653, 0.3268, 0.2981$, and if you desaturate by 10%, it is $49.1714, 0.3122, 0.3302$.

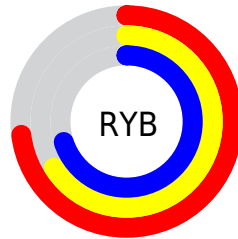
Distribution



Red (73%)

Green (66%)

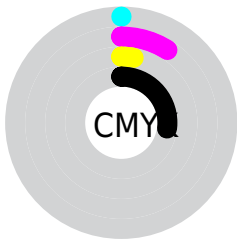
Blue (70%)



Red (73%)

Yellow (66%)

Blue (70%)

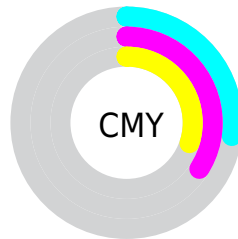


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5742, 0.3189, 0.3145 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 41.5742, 0.3189, 0.3145 by changing the saturation by 10% instead.


 41.5742, 0.3189,
0.3145

 41.5742, 0.3189,
0.3145


352.7148, 0.3158,
0.3218

 28.7680, 0.3197,
0.3127


 77.5548, 0.3178,
0.3172

 18.9054, 0.3207,
0.3103


 101.4980, 0.3173,
0.3182

 11.6019, 0.3220,
0.3071


129.9223, 0.3170,
0.3190

 6.4733, 0.3240,
0.3026

163.2122, 0.3167,
0.3197

 3.1349, 0.3268,
0.2957

201.7520, 0.3164,
0.3204

 1.2026, 0.3317,
0.2841

245.9261, 0.3162,

 0.0638, 0.4099,

0.3209

0.1009

296.1189, 0.3160,
0.3214

■ 0.0000, 0.0000,
0.0000

■ 41.5742, 0.3189,
0.3145

■ 41.5742, 0.3189,
0.3145

■ 34.9653, 0.3268,
0.2981

■ 49.1714, 0.3122,
0.3302

■ 29.2983, 0.3361,
0.2812

■ 57.7902, 0.3066,
0.3450

■ 24.5311, 0.3468,
0.2646

■ 67.4688, 0.3020,
0.3587

■ 20.6162, 0.3591,
0.2488

■ 78.2419, 0.2981,
0.3713

■ 17.5018, 0.3727,
0.2348

■ 86.5770, 0.2947,
0.3774

■ 15.1304, 0.3875,
0.2238

■ 86.9128, 0.2913,
0.3698

■ 13.4368, 0.4030,
0.2168

■ 87.2621, 0.2879,
0.3623

■ 12.3443, 0.4186,
0.2145

■ 87.6250, 0.2845,
0.3549

■ 11.7126, 0.4339,
0.2168

■ 88.0017, 0.2812,
0.3476

Harmonies

Analogous

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



41.5742, 0.3059, 0.3085



41.5742, 0.3189, 0.3145



41.5742, 0.3304, 0.3243

Triad

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



41.5742, 0.3189, 0.3145



41.5742, 0.3305, 0.3508



41.5742, 0.2889, 0.3218

Complementary

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



41.5742, 0.3189, 0.3145



46.0954, 0.3070, 0.3440

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.



41.5742, 0.2952, 0.3335



41.5742, 0.3189, 0.3145



41.5742, 0.3192, 0.3506

Square

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



41.5742, 0.3189, 0.3145



41.5742, 0.3372, 0.3452



41.5742, 0.3062, 0.3442



41.5742, 0.2888, 0.3124

Rectangle

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



41.5742, 0.3189, 0.3145



41.5742, 0.3356, 0.3317



41.5742, 0.3062, 0.3442



41.5742, 0.2904, 0.3256

Sweetspot

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



41.5760, 0.3189, 0.3145



82.5969, 0.3147, 0.3243



40.4993, 0.3039, 0.3061



17.5684, 0.3152, 0.3230



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.



41.5760, 0.3189, 0.3145



71.9642, 0.3203, 0.3113



41.2435, 0.3263, 0.3256



9.1074, 0.3190, 0.3143



7.9556, 0.4333, 0.2160



0.2917, 0.3974, 0.1963

Inverse Universe

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



41.5760, 0.3189, 0.3145



71.9642, 0.3203, 0.3113



46.4365, 0.3006, 0.3324



9.1074, 0.3190, 0.3143



7.9556, 0.4333, 0.2160



0.2917, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 41.5742, 0.3189, 0.3145 looks on a white background.

Color Contrast Check

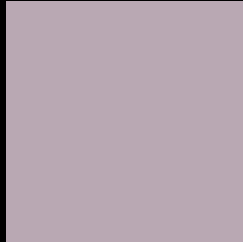
Large Text (above 18pt) WCAG AA × Fail

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 41.5742, 0.3189, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

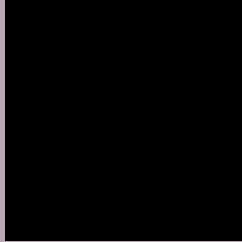
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5742, 0.3189, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 41.5742, 0.3189, 0.3145.



This preview shows how white text looks on a background with the Yxy color 41.5742, 0.3189, 0.3145.

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

41.5742, 0.3189, 0.3145

Protanopia

41.7255, 0.3062, 0.3168

Deuteranopia

41.3312, 0.3199, 0.3133



Tritanopia

41.6557, 0.3172, 0.3120

Trichromacy



Original Color

41.5742, 0.3189, 0.3145

Protanomaly

41.7682, 0.3106, 0.3169

Deuteranomaly

41.3312, 0.3199, 0.3133

Tritanomaly

41.6148, 0.3180, 0.3132

Monochromacy



Original Color

41.5742, 0.3189, 0.3145

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1046, 0.3148, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5742, 0.3189, 0.3145 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(185, 168, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 168, 179)  
}
```

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(185, 168, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 168, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.5742, 0.3189, 0.3145 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(185, 168, 179) }
```

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

```
.border{ border-color:rgb(185, 168, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 168, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 168, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 168, 179);  
box-shadow:4px 4px 4px 4px rgb(185, 168,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5742, 0.3189, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 168, 179) }
```

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

```
.background{ background-color: rgb(185,  
168, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor