

Converting Colors

$Y_{xy}(42.6092, 0.3228, 0.3240)$

Have a look what the booklet for
Yxy(42.6092, 0.3228, 0.3240)
contains.

Yxy(42.6601, 0.3229, 0.3238)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.6601, 0.3229, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	BAABAF
RGB	186, 171, 175
RGB Percent	73%, 67%, 69%
CMY	0.2708, 0.3293, 0.3137
CMYK	0.00, 0.08, 0.06, 0.27
HSL	344°, 10%, 70%
HSV	344°, 8%, 73%
XYZ	42.5415, 42.6601, 46.5467
YIQ	175.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

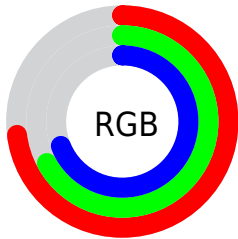
Format	Color
RYB	186, 171, 175
Decimal	12233647
CIELab	71.32, 6.07, -0.10
CIELCh	71, 6.074, 359.011
Yxy	42.6601, 0.3229, 0.3238
Android (android.graphics.Color)	4290423727 (0xFFBAABAF)
YUV	175.9410, -0.4639, 8.8217
Hunter-Lab	65.3147, 1.9620, 3.4671

Details

The Yxy color **42.6601, 0.3229, 0.3238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.1351, 0.3034, 0.3343**, and the grayscale version is **43.3813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9831, 0.3213, 0.3249**, and **19.6103, 0.3257, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **35.6137, 0.3382, 0.3169**, and if you desaturate by 10%, it is **50.7527, 0.3105, 0.3302**.

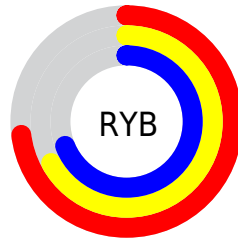
Distribution



Red (73%)

Green (67%)

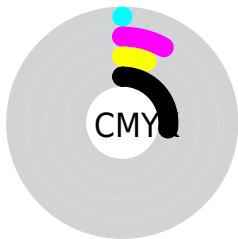
Blue (69%)



Red (73%)

Yellow (67%)

Blue (69%)

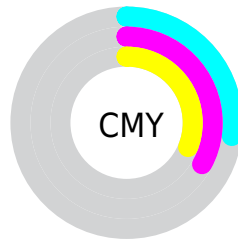


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6601, 0.3229, 0.3238 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 42.6601, 0.3229, 0.3238 by changing the saturation by 10% instead.

 42.6601, 0.3229,
0.3238

 42.6601, 0.3229,
0.3238

357.2121, 0.3177,
0.3265

 29.6185, 0.3242,
0.3231


 79.1977, 0.3210,
0.3248

 19.5492, 0.3259,
0.3223


103.4625, 0.3203,
0.3251

 12.0678, 0.3282,
0.3211


132.2371, 0.3197,
0.3254

 6.7899, 0.3315,
0.3194

165.9060, 0.3192,
0.3257

 3.3310, 0.3365,
0.3168

204.8536, 0.3188,
0.3259

 1.3069, 0.3452,
0.3124

249.4642, 0.3184,

 0.1465, 0.4785,

0.3261

0.2438

300.1222, 0.3180,
0.3263

0.0000, 0.0000,
0.0000

42.6601, 0.3229,
0.3238

42.6601, 0.3229,
0.3238

35.6137, 0.3382,
0.3169

50.7527, 0.3105,
0.3302

29.5653, 0.3569,
0.3098

59.9261, 0.3003,
0.3362

24.4713, 0.3797,
0.3027

70.2203, 0.2921,
0.3416

20.2823, 0.4071,
0.2960

81.6713, 0.2853,
0.3465

16.9450, 0.4391,
0.2906

88.4379, 0.2789,
0.3416

■ 14.4000, 0.4750,
0.2873

■ 89.1733, 0.2731,
0.3289

■ 12.5805, 0.5130,
0.2874

■ 11.4084, 0.5499,
0.2917

■ 10.7624, 0.5821,
0.2997

Harmonies

Analogous

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



42.6601, 0.3146, 0.3176



42.6601, 0.3229, 0.3238



42.6601, 0.3285, 0.3314

Triad

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



42.6601, 0.3229, 0.3238



42.6601, 0.3195, 0.3441



42.6601, 0.2959, 0.3192

Complementary

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



42.6601, 0.3229, 0.3238



47.1351, 0.3034, 0.3343

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.



42.6601, 0.2972, 0.3263



42.6601, 0.3229, 0.3238



42.6601, 0.3107, 0.3408

Square

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



42.6601, 0.3229, 0.3238



42.6601, 0.3265, 0.3432



42.6601, 0.3026, 0.3343



42.6601, 0.2990, 0.3149

Rectangle

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



42.6601, 0.3229, 0.3238



42.6601, 0.3299, 0.3363



42.6601, 0.3026, 0.3343



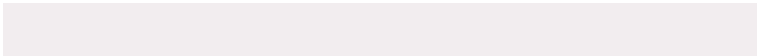
42.6601, 0.2958, 0.3213

Sweetspot

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



42.6620, 0.3229, 0.3238



85.9386, 0.3151, 0.3277



42.6185, 0.3101, 0.3094



18.9590, 0.3150, 0.3278



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.



42.6620, 0.3229, 0.3238



74.4848, 0.3259, 0.3224



43.8420, 0.3259, 0.3336



9.0504, 0.3247, 0.3229



7.1860, 0.5846, 0.2994



0.2639, 0.5094, 0.2580

Inverse Universe

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



42.6620, 0.3229, 0.3238



74.4848, 0.3259, 0.3224



45.8519, 0.3005, 0.3243



9.0504, 0.3247, 0.3229



7.1860, 0.5846, 0.2994



0.2639, 0.5094, 0.2580

Previews

White Background



This preview shows how the Yxy color 42.6601, 0.3229, 0.3238 looks on a white background.

Color Contrast Check

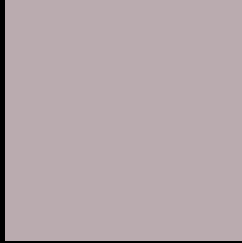
Large Text (above 18pt) WCAG AA × Fail

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 42.6601, 0.3229, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

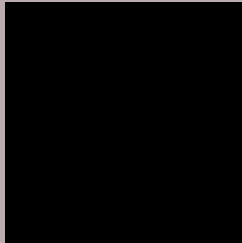
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6601, 0.3229, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 42.6601, 0.3229, 0.3238.



This preview shows how white text looks on a background with the Yxy color 42.6601, 0.3229, 0.3238.

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

42.6601, 0.3229, 0.3238

Protanopia

42.7935, 0.3129, 0.3250

Deuteranopia

42.5474, 0.3278, 0.3213



Tritanopia

42.7331, 0.3171, 0.3121

Trichromacy



Original Color

42.6601, 0.3229, 0.3238

Protanomaly

42.7250, 0.3165, 0.3250

Deuteranomaly

42.6634, 0.3258, 0.3225

Tritanomaly

42.6095, 0.3197, 0.3160

Monochromacy



Original Color

42.6601, 0.3229, 0.3238

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1100, 0.3164, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6601, 0.3229, 0.3238 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(186, 171, 175)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 175)  
}
```

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(186, 171, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 175) }
```

Border

The CSS property to change the border of an element to Yxy 42.6601, 0.3229, 0.3238 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(186, 171, 175) }
```

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

```
.border{ border-color:rgb(186, 171, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6601, 0.3229, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 175) }
```

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

```
.background{ background-color: rgb(186,  
171, 175) }
```

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