

Converting Colors

$Y_{xy}(42.7111, 0.3130, 0.3222)$

Have a look what the booklet for
Yxy(42.7111, 0.3130, 0.3222)
contains.

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Color

Yxy(42.5665, 0.3130, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	B2ADB2
RGB	178, 173, 178
RGB Percent	70%, 68%, 70%
CMY	0.3020, 0.3215, 0.3019
CMYK	0.00, 0.03, 0.00, 0.30
HSL	300°, 3%, 69%
HSV	300°, 3%, 70%
XYZ	41.3382, 42.5665, 48.1663
YIQ	175.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

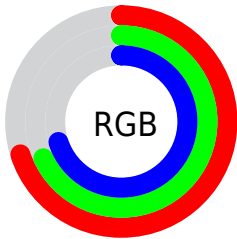
Format	Color
R _Y B	178, 173, 178
Decimal	11709874
CIE Lab	71.26, 2.71, -1.94
CIE LCh	71, 3.332, 324.342
Yxy	42.5665, 0.3130, 0.3223
Android (android.graphics.Color)	4289899954 (0xFFB2ADB2)
YUV	175.0650, 1.4470, 2.5740
Hunter-Lab	65.2430, -1.0769, 1.8987

Details

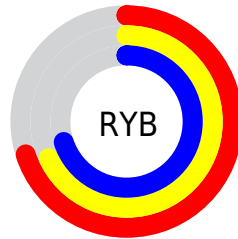
The Yxy color **42.5665, 0.3130, 0.3223** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7548, 0.3124, 0.3358**, and the grayscale version is **42.8974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9197, 0.3130, 0.3228**, and **19.5154, 0.3131, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **36.1751, 0.3140, 0.2980**, and if you desaturate by 10%, it is **49.8712, 0.3120, 0.3457**.

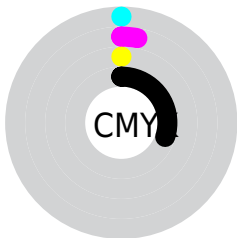
Distribution



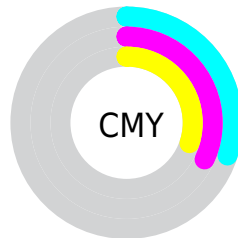
- Red (70%)
- Green (68%)
- Blue (70%)



- Red (70%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5665, 0.3130, 0.3223 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 42.5665, 0.3130, 0.3223 by changing the saturation by 10% instead.

■ 42.5665, 0.3130,
0.3223

■ 42.5665, 0.3130,
0.3223

356.8260, 0.3129,
0.3257

■ 29.5451, 0.3130,
0.3214

■ 79.0563, 0.3130,
0.3235

■ 19.4936, 0.3131,
0.3203

103.2935, 0.3129,
0.3240

■ 12.0275, 0.3131,
0.3188

132.0381, 0.3129,
0.3244

■ 6.7624, 0.3132,
0.3167

165.6745, 0.3129,
0.3247

■ 3.3139, 0.3133,
0.3135

204.5871, 0.3129,
0.3250

■ 1.2978, 0.3134,
0.3080

249.1603, 0.3129,

■ 0.1395, 0.3174,

0.3253

0.2229

299.7784, 0.3129,
0.3255

0.0000, 0.0000,
0.0000

42.5665, 0.3130,
0.3223

42.5665, 0.3130,
0.3223

36.1751, 0.3140,
0.2980

49.8712, 0.3120,
0.3457

30.6559, 0.3150,
0.2733

58.1175, 0.3111,
0.3678

25.9726, 0.3160,
0.2489

67.3392, 0.3102,
0.3883

22.0844, 0.3169,
0.2257

77.5668, 0.3093,
0.4072

18.9470, 0.3177,
0.2046

84.2703, 0.3089,
0.4178

■ 16.5118, 0.3184,
0.1865

■ 84.2847, 0.3090,
0.4178

■ 14.7244, 0.3189,
0.1722

■ 84.2991, 0.3090,
0.4178

■ 13.5227, 0.3191,
0.1619

■ 84.3136, 0.3091,
0.4178

■ 12.8321, 0.3192,
0.1558

■ 84.3281, 0.3092,
0.4178

Harmonies

Analogous

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



42.5665, 0.3083, 0.3208



42.5665, 0.3130, 0.3223



42.5665, 0.3177, 0.3255

Triad

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



42.5665, 0.3130, 0.3223



42.5665, 0.3207, 0.3365



42.5665, 0.3045, 0.3282

Complementary

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



42.5665, 0.3130, 0.3223



43.7548, 0.3124, 0.3358

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.



42.5665, 0.3078, 0.3325



42.5665, 0.3130, 0.3223



42.5665, 0.3171, 0.3373

Square

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



42.5665, 0.3130, 0.3223



42.5665, 0.3221, 0.3337



42.5665, 0.3124, 0.3359



42.5665, 0.3034, 0.3242

Rectangle

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



42.5665, 0.3130, 0.3223



42.5665, 0.3201, 0.3283



42.5665, 0.3124, 0.3359



42.5665, 0.3054, 0.3297

Sweetspot

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



42.5683, 0.3130, 0.3223



79.4337, 0.3128, 0.3266



42.0223, 0.3086, 0.3223



17.6137, 0.3128, 0.3267



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.5683, 0.3130, 0.3223



76.8836, 0.3130, 0.3217



42.4759, 0.3150, 0.3255



9.4651, 0.3131, 0.3201



8.9711, 0.3193, 0.1532



0.2832, 0.3197, 0.1535

Inverse Universe

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



42.3760, 0.3172, 0.3290



76.5061, 0.3176, 0.3290



43.8456, 0.3105, 0.3325



9.4080, 0.3187, 0.3290



6.7746, 0.6392, 0.3295



0.2135, 0.6353, 0.3273

Previews

White Background



This preview shows how the Yxy color 42.5665, 0.3130, 0.3223 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 42.5665, 0.3130, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

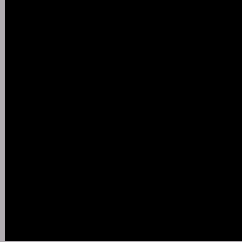
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

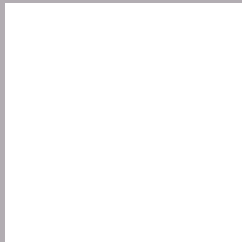
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5665, 0.3130, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 42.5665, 0.3130, 0.3223.



This preview shows how white text looks on a background with the Yxy color 42.5665, 0.3130, 0.3223.

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

42.5665, 0.3130, 0.3223

Protanopia

42.7166, 0.3112, 0.3236

Deuteranopia

42.4494, 0.3224, 0.3160



Tritanopia

42.5915, 0.3082, 0.3118

Trichromacy



Original Color

42.5665, 0.3130, 0.3223

Protanomaly

42.8336, 0.3121, 0.3236

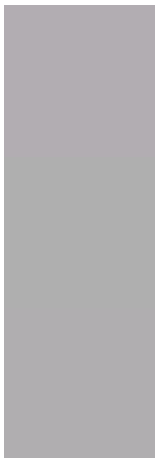
Deuteranomaly

42.3184, 0.3187, 0.3172

Tritanomaly

42.4662, 0.3107, 0.3157

Monochromacy



Original Color

42.5665, 0.3130, 0.3223

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6368, 0.3128, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5665, 0.3130, 0.3223 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(178, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(178, 173, 178)  
}
```

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(178, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 173, 178) }
```

Border

The CSS property to change the border of an element to Yxy 42.5665, 0.3130, 0.3223 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(178, 173, 178) }
```

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

```
.border{ border-color:rgb(178, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(178, 173,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5665, 0.3130, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 173, 178) }
```

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

```
.background{ background-color: rgb(178,  
173, 178) }
```

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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