

Converting Colors

$Y_{xy}(41.8773, 0.3129, 0.3181)$

Have a look what the booklet for
Yxy(41.8773, 0.3129, 0.3181)
contains.

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Color

Yxy(41.9642, 0.3132, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	B3ABB3
RGB	179, 171, 179
RGB Percent	70%, 67%, 70%
CMY	0.2980, 0.3294, 0.2980
CMYK	0.00, 0.04, 0.00, 0.30
HSL	300°, 5%, 69%
HSV	300°, 4%, 70%
XYZ	41.2918, 41.9642, 48.5825
YIQ	174.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

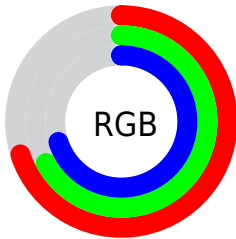
Format	Color
RYB	179, 171, 179
Decimal	11774899
CIELab	70.85, 4.35, -3.09
CIElCh	71, 5.336, 324.573
Yxy	41.9642, 0.3132, 0.3183
Android (android.graphics.Color)	4289964979 (0xFFB3ABB3)
YUV	174.3040, 2.3151, 4.1184
Hunter-Lab	64.7798, 0.4146, 0.8805

Details

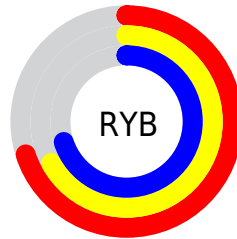
The Yxy color **41.9642, 0.3132, 0.3183** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8498, 0.3122, 0.3399**, and the grayscale version is **42.4804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0530, 0.3132, 0.3197**, and **19.1356, 0.3133, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **35.6492, 0.3143, 0.2939**, and if you desaturate by 10%, it is **49.1988, 0.3121, 0.3419**.

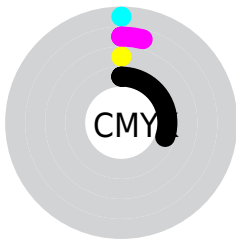
Distribution



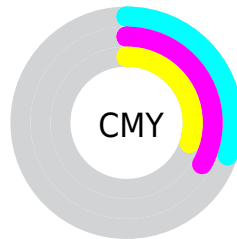
- Red (70%)
- Green (67%)
- Blue (70%)



- Red (70%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)




- Cyan (30%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9642, 0.3132, 0.3183 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 41.9642, 0.3132, 0.3183 by changing the saturation by 10% instead.


 41.9642, 0.3132,
0.3183

 41.9642, 0.3132,
0.3183

354.3345, 0.3130,
0.3237

 29.0733, 0.3133,
0.3169


 78.1454, 0.3131,
0.3203

 19.1362, 0.3133,
0.3152


102.2045, 0.3131,
0.3210

 11.7688, 0.3134,
0.3128


130.7551, 0.3131,
0.3216

 6.5864, 0.3135,
0.3094

164.1816, 0.3130,
0.3222

 3.2048, 0.3136,
0.3043

202.8684, 0.3130,
0.3226

 1.2396, 0.3138,
0.2955

247.1999, 0.3130,

 0.0937, 0.3215,

0.3230

0.1543

297.5605, 0.3130,
0.3234

0.0000, 0.0000,
0.0000

41.9642, 0.3132,
0.3183

41.9642, 0.3132,
0.3183

35.6492, 0.3143,
0.2939

49.1988, 0.3121,
0.3419

30.2119, 0.3154,
0.2692

57.3820, 0.3111,
0.3642

25.6149, 0.3165,
0.2450

66.5485, 0.3102,
0.3850

21.8165, 0.3175,
0.2221

76.7293, 0.3093,
0.4042

18.7709, 0.3184,
0.2015

84.3863, 0.3087,
0.4166

■ 16.4280, 0.3191,
0.1841

■ 84.3916, 0.3088,
0.4166

■ 14.7317, 0.3197,
0.1705

■ 84.3970, 0.3088,
0.4165

■ 13.6171, 0.3201,
0.1611

■ 84.4023, 0.3088,
0.4165

■ 13.0060, 0.3202,
0.1557

■ 84.4077, 0.3088,
0.4165

Harmonies

Analogous

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



41.9642, 0.3056, 0.3159



41.9642, 0.3132, 0.3183



41.9642, 0.3207, 0.3235

Triad

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



41.9642, 0.3132, 0.3183



41.9642, 0.3256, 0.3411



41.9642, 0.2995, 0.3277

Complementary

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



41.9642, 0.3132, 0.3183



43.8498, 0.3122, 0.3399

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.



41.9642, 0.3047, 0.3346



41.9642, 0.3132, 0.3183



41.9642, 0.3197, 0.3425

Square

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



41.9642, 0.3132, 0.3183



41.9642, 0.3279, 0.3366



41.9642, 0.3121, 0.3401



41.9642, 0.2978, 0.3212

Rectangle

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



41.9642, 0.3132, 0.3183



41.9642, 0.3247, 0.3279



41.9642, 0.3121, 0.3401



41.9642, 0.3009, 0.3300

Sweetspot

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



41.9660, 0.3132, 0.3183



79.4354, 0.3128, 0.3266



41.0907, 0.3061, 0.3182



17.6140, 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.



41.9660, 0.3132, 0.3183



74.4100, 0.3133, 0.3168



41.8137, 0.3165, 0.3235



9.1854, 0.3133, 0.3156



9.0349, 0.3203, 0.1538



0.2846, 0.3205, 0.1539

Inverse Universe

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



41.6539, 0.3200, 0.3290



73.7784, 0.3210, 0.3290



43.9975, 0.3091, 0.3346



9.0993, 0.3219, 0.3290



6.7731, 0.6397, 0.3298



0.2132, 0.6383, 0.3290

Previews

White Background



This preview shows how the Yxy color 41.9642, 0.3132, 0.3183 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 41.9642, 0.3132, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

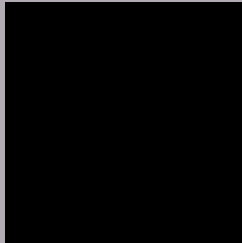
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

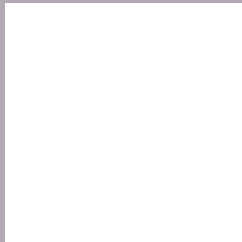
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9642, 0.3132, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 41.9642, 0.3132, 0.3183.



This preview shows how white text looks on a background with the Yxy color 41.9642, 0.3132, 0.3183.

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

41.9642, 0.3132, 0.3183

Protanopia

41.9143, 0.3088, 0.3182

Deuteranopia

41.8653, 0.3198, 0.3133



Tritanopia

41.9134, 0.3100, 0.3105

Trichromacy



Original Color

41.9642, 0.3132, 0.3183

Protanomaly

42.0304, 0.3097, 0.3183

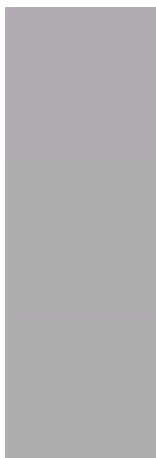
Deuteranomaly

41.8616, 0.3170, 0.3145

Tritanomaly

41.8301, 0.3117, 0.3131

Monochromacy



Original Color

41.9642, 0.3132, 0.3183

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2518, 0.3129, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9642, 0.3132, 0.3183 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(179, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 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(179, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.9642, 0.3132, 0.3183 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(179, 171, 179) }
```

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

```
.border{ border-color:rgb(179, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9642, 0.3132, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 179) }
```

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

```
.background{ background-color: rgb(179,  
171, 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](#).

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