

Converting Colors

$Y_{xy}(41.9315, 0.3229, 0.3134)$

Have a look what the booklet for
Yxy(41.9315, 0.3229, 0.3134)
contains.

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Color

Yxy(41.8393, 0.3236, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	BEA7B3
RGB	190, 167, 179
RGB Percent	75%, 65%, 70%
CMY	0.2549, 0.3451, 0.2981
CMYK	0.00, 0.12, 0.06, 0.25
HSL	329°, 15%, 70%
HSV	329°, 12%, 75%
XYZ	43.1872, 41.8393, 48.4322
YIQ	175.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

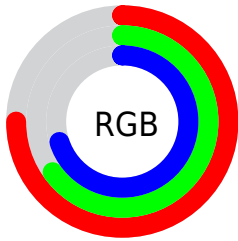
Format	Color
R _Y B	190, 167, 179
Decimal	12494771
CIE Lab	70.76, 10.43, -3.08
CIE LCh	71, 10.874, 343.524
Yxy	41.8393, 0.3236, 0.3135
Android (android.graphics.Color)	4290684851 (0xFFBEA7B3)
YUV	175.2450, 1.8512, 12.9401
Hunter-Lab	64.6833, 5.9837, 0.8844

Details

The Yxy color **41.8393, 0.3236, 0.3135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.2571, 0.3031, 0.3450**, and the grayscale version is **42.9896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8335, 0.3211, 0.3159**, and **19.0862, 0.3278, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **35.0266, 0.3346, 0.3000**, and if you desaturate by 10%, it is **49.7028, 0.3144, 0.3264**.

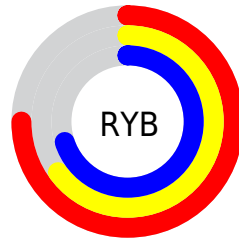
Distribution



Red (75%)

Green (65%)

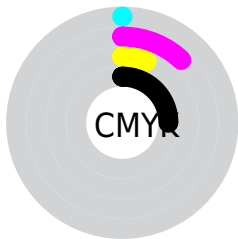
Blue (70%)



Red (75%)

Yellow (65%)

Blue (70%)

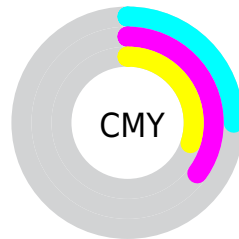


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8393, 0.3236, 0.3135 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 41.8393, 0.3236, 0.3135 by changing the saturation by 10% instead.

 41.8393, 0.3236,
0.3135

 41.8393, 0.3236,
0.3135


353.8163, 0.3181,
0.3213

 28.9755, 0.3250,
0.3115


 77.9564, 0.3216,
0.3164

 19.0623, 0.3268,
0.3090


 101.9784, 0.3208,
0.3174

 11.7153, 0.3292,
0.3056

130.4886, 0.3202,
0.3183

 6.5501, 0.3326,
0.3008

163.8714, 0.3197,
0.3191

 3.1824, 0.3378,
0.2936

202.5112, 0.3192,
0.3198

 1.2277, 0.3467,
0.2813

246.7923, 0.3188,

 0.0841, 0.4608,

0.3203

0.1159

297.0993, 0.3184,
0.3209

0.0000, 0.0000,
0.0000

41.8393, 0.3236,
0.3135

41.8393, 0.3236,
0.3135

35.0266, 0.3346,
0.3000

49.7028, 0.3144,
0.3264

29.2143, 0.3477,
0.2862

58.6536, 0.3068,
0.3385

24.3560, 0.3632,
0.2726

68.7335, 0.3005,
0.3497

20.3996, 0.3811,
0.2600

79.9803, 0.2953,
0.3600

17.2878, 0.4013,
0.2494

87.8771, 0.2908,
0.3623

■ 14.9568, 0.4234,
0.2420

■ 88.3864, 0.2860,
0.3521

■ 13.3336, 0.4466,
0.2390

■ 88.9226, 0.2813,
0.3421

■ 12.3309, 0.4697,
0.2412

■ 89.4862, 0.2767,
0.3322

■ 11.8451, 0.4877,
0.2460

■ 89.6865, 0.2752,
0.3289

Harmonies

Analogous

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



41.8393, 0.3076, 0.3050



41.8393, 0.3236, 0.3135



41.8393, 0.3369, 0.3260

Triad

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



41.8393, 0.3236, 0.3135



41.8393, 0.3320, 0.3565



41.8393, 0.2828, 0.3172

Complementary

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



41.8393, 0.3236, 0.3135



48.2571, 0.3031, 0.3450

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.



41.8393, 0.2890, 0.3314



41.8393, 0.3236, 0.3135



41.8393, 0.3172, 0.3546

Square

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



41.8393, 0.3236, 0.3135



41.8393, 0.3417, 0.3508



41.8393, 0.3015, 0.3453



41.8393, 0.2844, 0.3068

Rectangle

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



41.8393, 0.3236, 0.3135



41.8393, 0.3422, 0.3351



41.8393, 0.3015, 0.3453



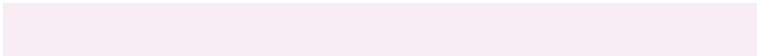
41.8393, 0.2841, 0.3217

Sweetspot

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



41.8411, 0.3236, 0.3135



87.1179, 0.3161, 0.3239



40.7924, 0.3032, 0.2986



18.8832, 0.3168, 0.3230



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.8411, 0.3236, 0.3135



71.7417, 0.3269, 0.3093



41.4064, 0.3336, 0.3281



9.6171, 0.3209, 0.3171



7.8927, 0.4849, 0.2445



0.3223, 0.4354, 0.2172

Inverse Universe

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



41.8411, 0.3236, 0.3135



71.7417, 0.3269, 0.3093



48.7255, 0.2950, 0.3300



9.6171, 0.3209, 0.3171



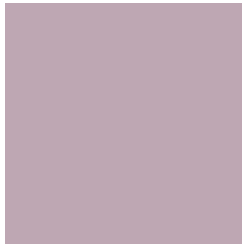
7.8927, 0.4849, 0.2445



0.3223, 0.4354, 0.2172

Previews

White Background



This preview shows how the Yxy color 41.8393, 0.3236, 0.3135 looks on a white background.

Color Contrast Check

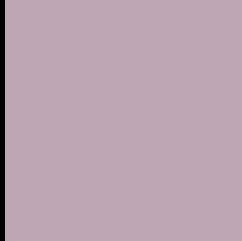
Large Text (above 18pt) WCAG AA × Fail

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 41.8393, 0.3236, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

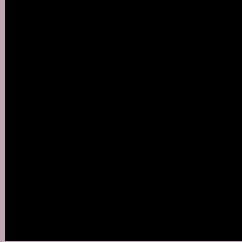
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8393, 0.3236, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 41.8393, 0.3236, 0.3135.



This preview shows how white text looks on a background with the Yxy color 41.8393, 0.3236, 0.3135.

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

41.8393, 0.3236, 0.3135

Protanopia

41.8811, 0.3063, 0.3155

Deuteranopia

41.8247, 0.3207, 0.3146



Tritanopia

41.8799, 0.3227, 0.3122

Trichromacy



Original Color

41.8393, 0.3236, 0.3135

Protanomaly

41.7889, 0.3125, 0.3144

Deuteranomaly

41.9513, 0.3216, 0.3147

Tritanomaly

41.8799, 0.3227, 0.3122

Monochromacy



Original Color

41.8393, 0.3236, 0.3135

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3429, 0.3166, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8393, 0.3236, 0.3135 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(190, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 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(190, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.8393, 0.3236, 0.3135 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(190, 167, 179) }
```

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

```
.border{ border-color:rgb(190, 167, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8393, 0.3236, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 179) }
```

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

```
.background{ background-color: rgb(190,  
167, 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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