

Converting Colors

$Yxy(41.8284, 0.3247, 0.3156)$

Have a look what the booklet for
Yxy(41.8284, 0.3247, 0.3156)
contains.

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Color

Yxy(41.7989, 0.3245, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	BEA7B2
RGB	190, 167, 178
RGB Percent	75%, 65%, 70%
CMY	0.2547, 0.3452, 0.3019
CMYK	0.00, 0.12, 0.06, 0.25
HSL	331°, 15%, 70%
HSV	331°, 12%, 75%
XYZ	43.1005, 41.7989, 47.9220
YIQ	175.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

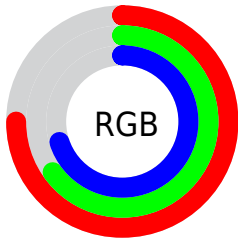
Format	Color
RYB	190, 167, 178
Decimal	12494770
CIELab	70.73, 10.29, -2.59
CIELCh	71, 10.613, 345.851
Yxy	41.7989, 0.3245, 0.3147
Android (android.graphics.Color)	4290684850 (0xFFBEA7B2)
YUV	175.1310, 1.4144, 13.0401
Hunter-Lab	64.6521, 5.8566, 1.3090

Details

The Yxy color **41.7989, 0.3245, 0.3147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.3198, 0.3023, 0.3438**, and the grayscale version is **42.9336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7759, 0.3218, 0.3169**, and **19.0605, 0.3291, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **34.9580, 0.3364, 0.3023**, and if you desaturate by 10%, it is **49.6956, 0.3146, 0.3266**.

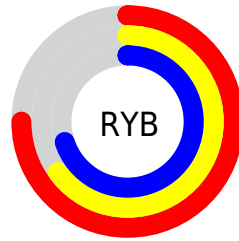
Distribution



Red (75%)

Green (65%)

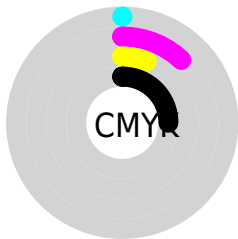
Blue (70%)



Red (75%)

Yellow (65%)

Blue (70%)

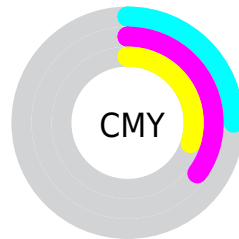


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7989, 0.3245, 0.3147 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 41.7989, 0.3245, 0.3147 by changing the saturation by 10% instead.


 41.7989, 0.3245,
0.3147

 41.7989, 0.3245,
0.3147

353.6486, 0.3185,
0.3219

 28.9439, 0.3260,
0.3129


 77.8952, 0.3223,
0.3173

 19.0384, 0.3280,
0.3105


 101.9052, 0.3215,
0.3183

 11.6980, 0.3306,
0.3074


130.4023, 0.3208,
0.3192

 6.5384, 0.3343,
0.3029

163.7710, 0.3202,
0.3199

 3.1751, 0.3400,
0.2962

202.3956, 0.3197,
0.3205

 1.2238, 0.3498,
0.2848

246.6604, 0.3193,

 0.0810, 0.4835,

0.3210

0.1194

296.9500, 0.3189,
0.3215

0.0000, 0.0000,
0.0000

41.7989, 0.3245,
0.3147

41.7989, 0.3245,
0.3147

34.9580, 0.3364,
0.3023

49.6956, 0.3146,
0.3266

29.1223, 0.3507,
0.2895

58.6849, 0.3064,
0.3377

24.2453, 0.3677,
0.2770

68.8087, 0.2997,
0.3479

20.2746, 0.3874,
0.2654

80.1048, 0.2941,
0.3574

17.1528, 0.4098,
0.2558

88.0540, 0.2892,
0.3588

■ 14.8157, 0.4345,
0.2493

■ 88.6197, 0.2840,
0.3478

■ 13.1901, 0.4603,
0.2473

■ 89.2175, 0.2790,
0.3370

■ 12.1883, 0.4861,
0.2504

■ 89.6941, 0.2752,
0.3289

■ 11.7069, 0.5057,
0.2559

Harmonies

Analogous

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



41.7989, 0.3090, 0.3060



41.7989, 0.3245, 0.3147



41.7989, 0.3371, 0.3271

Triad

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



41.7989, 0.3245, 0.3147



41.7989, 0.3305, 0.3560



41.7989, 0.2834, 0.3166

Complementary

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



41.7989, 0.3245, 0.3147



48.3198, 0.3023, 0.3438

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.



41.7989, 0.2889, 0.3302



41.7989, 0.3245, 0.3147



41.7989, 0.3159, 0.3535

Square

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



41.7989, 0.3245, 0.3147



41.7989, 0.3405, 0.3509



41.7989, 0.3007, 0.3440



41.7989, 0.2855, 0.3067

Rectangle

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



41.7989, 0.3245, 0.3147



41.7989, 0.3419, 0.3360



41.7989, 0.3007, 0.3440



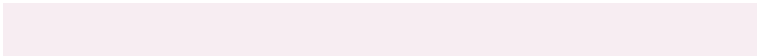
41.7989, 0.2844, 0.3209

Sweetspot

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



41.8007, 0.3245, 0.3147



87.0926, 0.3164, 0.3243



40.9241, 0.3041, 0.2986



18.8766, 0.3171, 0.3234



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.



41.8007, 0.3245, 0.3147



71.6539, 0.3280, 0.3109



41.5164, 0.3343, 0.3296



9.6103, 0.3215, 0.3181



7.7952, 0.5026, 0.2543



0.3186, 0.4479, 0.2241

Inverse Universe

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



41.8007, 0.3245, 0.3147



71.6539, 0.3280, 0.3109



48.6178, 0.2944, 0.3284



9.6103, 0.3215, 0.3181



7.7952, 0.5026, 0.2543



0.3186, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 41.7989, 0.3245, 0.3147 looks on a white background.

Color Contrast Check

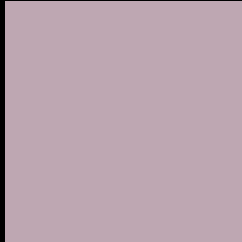
Large Text (above 18pt) WCAG AA × Fail

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 41.7989, 0.3245, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

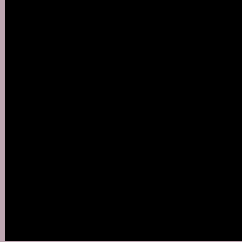
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7989, 0.3245, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 41.7989, 0.3245, 0.3147.



This preview shows how white text looks on a background with the Yxy color 41.7989, 0.3245, 0.3147.

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

41.7989, 0.3245, 0.3147

Protanopia

41.8399, 0.3071, 0.3169

Deuteranopia

41.9110, 0.3225, 0.3160



Tritanopia

41.8799, 0.3227, 0.3122

Trichromacy



Original Color

41.7989, 0.3245, 0.3147

Protanomaly

41.7480, 0.3133, 0.3157

Deuteranomaly

42.0384, 0.3234, 0.3160

Tritanomaly

41.8393, 0.3236, 0.3135

Monochromacy



Original Color

41.7989, 0.3245, 0.3147

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 41.7989, 0.3245, 0.3147 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 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(190, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.7989, 0.3245, 0.3147 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, 178) }
```

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

```
.border{ border-color:rgb(190, 167, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7989, 0.3245, 0.3147 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, 178) }
```

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

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