

Converting Colors

$Yxy(32.7317, 0.3343, 0.3083)$

Have a look what the booklet for
Yxy(32.7317, 0.3343, 0.3083)
contains.

Yxy(32.8343, 0.3335, 0.3082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.8343, 0.3335, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	B492A1
RGB	180, 146, 161
RGB Percent	71%, 57%, 63%
CMY	0.2942, 0.4274, 0.3687
CMYK	0.00, 0.19, 0.11, 0.29
HSL	334°, 18%, 64%
HSV	334°, 19%, 71%
XYZ	35.5297, 32.8343, 38.1717
YIQ	157.8760, 15.4490, 11.8730

Conversions

Conversions Part 2

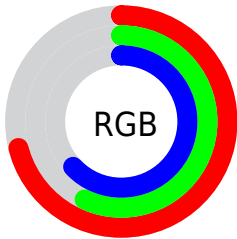
Format	Color
RYB	180, 146, 161
Decimal	11834017
CIELab	64.03, 15.24, -3.05
CIELCh	64, 15.541, 348.695
Yxy	32.8343, 0.3335, 0.3082
Android (android.graphics.Color)	4290024097 (0xFFB492A1)
YUV	157.8760, 1.5401, 19.4027
Hunter-Lab	57.3012, 10.4019, 0.6143

Details

The Yxy color **32.8343, 0.3335, 0.3082** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4657, 0.2958, 0.3508**, and the grayscale version is **34.1203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0993, 0.3291, 0.3119**, and **13.8222, 0.3399, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **27.3750, 0.3479, 0.2965**, and if you desaturate by 10%, it is **39.1987, 0.3216, 0.3195**.

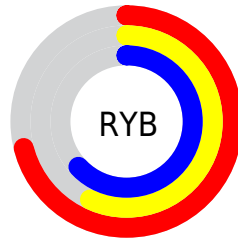
Distribution



Red (71%)

Green (57%)

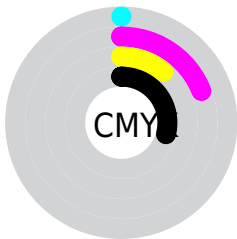
Blue (63%)



Red (71%)

Yellow (57%)

Blue (63%)

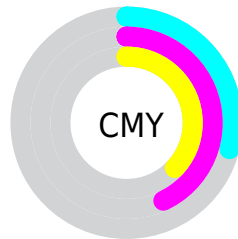


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (29%)



Cyan (29%)


Magenta (43%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8343, 0.3335, 0.3082 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 32.8343, 0.3335, 0.3082 by changing the saturation by 10% instead.

 32.8343, 0.3335,
0.3082


 32.8343, 0.3335,
0.3082


314.9024, 0.3226,
0.3191

 21.9995, 0.3364,
0.3053


 64.1167, 0.3294,
0.3123

 13.8566, 0.3403,
0.3015


 85.3332, 0.3279,
0.3138

 8.0210, 0.3457,
0.2963


110.7790, 0.3266,
0.3150

 4.1084, 0.3536,
0.2886

140.8386, 0.3256,
0.3161

 1.7344, 0.3667,
0.2763

175.8964, 0.3247,
0.3170

 0.4458, 0.4102,
0.2298

216.3367, 0.3239,

 0.0000, 0.0000,

0.3178

0.0000

262.5439, 0.3232,
0.3185

■ 32.8343, 0.3335,
0.3082

■ 32.8343, 0.3335,
0.3082

■ 27.3750, 0.3479,
0.2965

■ 39.1987, 0.3216,
0.3195

■ 22.7751, 0.3651,
0.2848

■ 46.5027, 0.3117,
0.3302

■ 18.9912, 0.3853,
0.2738

■ 54.7840, 0.3036,
0.3401

■ 15.9746, 0.4086,
0.2643

■ 64.0773, 0.2969,
0.3493

■ 13.6712, 0.4346,
0.2574

■ 74.4154, 0.2914,
0.3577

■ 12.0199, 0.4625,
0.2545

■ 85.8296, 0.2868,
0.3654

■ 10.9490, 0.4906,
0.2566

■ 87.0177, 0.2817,
0.3549

■ 10.3306, 0.5176,
0.2634

■ 87.6048, 0.2766,
0.3436

■ 10.2699, 0.5206,
0.2642

■ 88.2252, 0.2717,
0.3325

Harmonies

Analogous

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



32.8343, 0.3089, 0.2941



32.8343, 0.3335, 0.3082



32.8343, 0.3530, 0.3276

Triad

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



32.8343, 0.3335, 0.3082



32.8343, 0.3387, 0.3723



32.8343, 0.2665, 0.3070

Complementary

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



32.8343, 0.3335, 0.3082



41.4657, 0.2958, 0.3508

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.



32.8343, 0.2739, 0.3284



32.8343, 0.3335, 0.3082



32.8343, 0.3151, 0.3675

Square

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



32.8343, 0.3335, 0.3082



32.8343, 0.3559, 0.3647



32.8343, 0.2914, 0.3511



32.8343, 0.2709, 0.2927

Rectangle

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



32.8343, 0.3335, 0.3082



32.8343, 0.3600, 0.3414



32.8343, 0.2914, 0.3511



32.8343, 0.2677, 0.3136

Sweetspot

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



32.8358, 0.3335, 0.3082



74.5869, 0.3186, 0.3225



31.8236, 0.2998, 0.2808



15.9446, 0.3193, 0.3218



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.



32.8358, 0.3335, 0.3082



54.8757, 0.3397, 0.3030



32.8668, 0.3485, 0.3315



8.5654, 0.3220, 0.3190



7.1822, 0.5177, 0.2626



0.2378, 0.4493, 0.2249

Inverse Universe

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



32.8358, 0.3335, 0.3082



54.8757, 0.3397, 0.3030



41.3614, 0.2847, 0.3265



8.5654, 0.3220, 0.3190



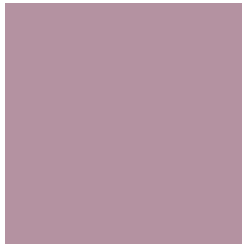
7.1822, 0.5177, 0.2626



0.2378, 0.4493, 0.2249

Previews

White Background



This preview shows how the Yxy color 32.8343, 0.3335, 0.3082 looks on a white background.

Color Contrast Check

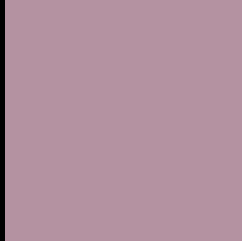
Large Text (above 18pt) WCAG AA × Fail

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 32.8343, 0.3335, 0.3082 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 32.8343, 0.3335, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 32.8343, 0.3335, 0.3082.



This preview shows how white text looks on a background with the Yxy color 32.8343, 0.3335, 0.3082.

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

32.8343, 0.3335, 0.3082

Protanopia

32.8329, 0.3028, 0.3112

Deuteranopia

32.9961, 0.3214, 0.3160



Tritanopia

33.0394, 0.3364, 0.3137

Trichromacy



Original Color

32.8343, 0.3335, 0.3082

Protanomaly

32.7061, 0.3136, 0.3101

Deuteranomaly

32.8036, 0.3257, 0.3133

Tritanomaly

33.0739, 0.3354, 0.3123

Monochromacy



Original Color

32.8343, 0.3335, 0.3082

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7214, 0.3200, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8343, 0.3335, 0.3082 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(180, 146, 161)` looks like.

```
.text, #text, p{  
    color:rgb(180, 146, 161)  
}
```

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(180, 146, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 146, 161) }
```

Border

The CSS property to change the border of an element to Yxy 32.8343, 0.3335, 0.3082 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(180, 146, 161) }
```

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

```
.border{ border-color:rgb(180, 146, 161) }
```

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

Here you see how a box with a 4 pixel rgb(180, 146, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 146, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 146, 161);  
box-shadow:4px 4px 4px 4px rgb(180, 146,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8343, 0.3335, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 146, 161) }
```

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

```
.background{ background-color: rgb(180,  
146, 161) }
```

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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