

Converting Colors

$Y_{xy}(40.8859, 0.3217, 0.3145)$

Have a look what the booklet for
Yxy(40.8859, 0.3217, 0.3145)
contains.

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Color

Yxy(40.8859, 0.3217, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	BAA6B1
RGB	186, 166, 177
RGB Percent	73%, 65%, 69%
CMY	0.2706, 0.3490, 0.3058
CMYK	0.00, 0.11, 0.05, 0.27
HSL	327°, 13%, 69%
HSV	327°, 11%, 73%
XYZ	41.8219, 40.8859, 47.2950
YIQ	173.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

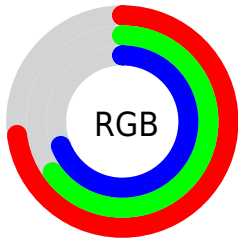
Format	Color
RYB	186, 166, 177
Decimal	12232369
CIELab	70.10, 9.20, -3.02
CIElCh	70, 9.681, 341.793
Yxy	40.8859, 0.3217, 0.3145
Android (android.graphics.Color)	4290422449 (0xFFBAA6B1)
YUV	173.2340, 1.8566, 11.1958
Hunter-Lab	63.9421, 4.8510, 0.9054

Details

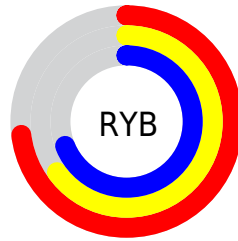
The Yxy color $40.8859, 0.3217, 0.3145$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.3158, 0.3046, 0.3440$, and the grayscale version is $41.9030, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4733, 0.3197, 0.3167$, and $18.4764, 0.3253, 0.3109$ is the 20% darker color. If you saturate the color by 10%, you get $34.2846, 0.3318, 0.3003$, and if you desaturate by 10%, it is $48.4890, 0.3133, 0.3280$.

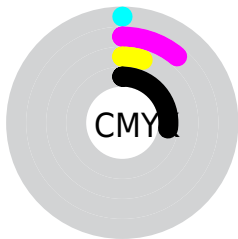
Distribution



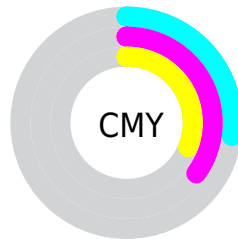
- Red (73%)
- Green (65%)
- Blue (69%)



- Red (73%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (27%)





- Cyan (27%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8859, 0.3217, 0.3145 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 40.8859, 0.3217, 0.3145 by changing the saturation by 10% instead.

 40.8859, 0.3217,
0.3145


 40.8859, 0.3217,
0.3145


349.8435, 0.3172,
0.3218

 28.2299, 0.3229,
0.3126


 76.5107, 0.3200,
0.3172

 18.4991, 0.3244,
0.3102


 100.2482, 0.3194,
0.3182

 11.3089, 0.3264,
0.3070


128.4485, 0.3189,
0.3190

 6.2750, 0.3292,
0.3024

161.4958, 0.3184,
0.3198

 3.0130, 0.3336,
0.2955

199.7746, 0.3181,
0.3204

 1.1385, 0.3412,
0.2836

243.6692, 0.3177,

 0.0106, 0.5010,

0.3209

0.0227

293.5640, 0.3174,
0.3214

0.0000, 0.0000,
0.0000

40.8859, 0.3217,
0.3145

40.8859, 0.3217,
0.3145

34.2846, 0.3318,
0.3003

48.4890, 0.3133,
0.3280

28.6376, 0.3438,
0.2858

57.1282, 0.3063,
0.3407

23.9016, 0.3578,
0.2714

66.8428, 0.3005,
0.3525

20.0276, 0.3741,
0.2579

77.6682, 0.2957,
0.3633

16.9622, 0.3924,
0.2463

87.0591, 0.2916,
0.3691

■ 14.6460, 0.4125,
0.2377

■ 87.5090, 0.2872,
0.3596

■ 13.0111, 0.4336,
0.2333

■ 87.9812, 0.2829,
0.3502

■ 11.9773, 0.4549,
0.2341

■ 88.4761, 0.2787,
0.3410

■ 11.4083, 0.4743,
0.2387

■ 88.9940, 0.2745,
0.3320

Harmonies

Analogous

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



40.8859, 0.3074, 0.3071



40.8859, 0.3217, 0.3145



40.8859, 0.3338, 0.3256

Triad

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



40.8859, 0.3217, 0.3145



40.8859, 0.3307, 0.3535



40.8859, 0.2860, 0.3192

Complementary

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



40.8859, 0.3217, 0.3145



46.3158, 0.3046, 0.3440

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.



40.8859, 0.2920, 0.3320



40.8859, 0.3217, 0.3145



40.8859, 0.3176, 0.3522

Square

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



40.8859, 0.3217, 0.3145



40.8859, 0.3390, 0.3481



40.8859, 0.3034, 0.3442



40.8859, 0.2870, 0.3095

Rectangle

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



40.8859, 0.3217, 0.3145



40.8859, 0.3389, 0.3338



40.8859, 0.3034, 0.3442



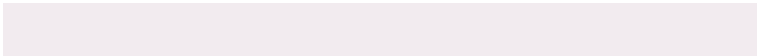
40.8859, 0.2873, 0.3232

Sweetspot

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



40.8877, 0.3217, 0.3145



84.5595, 0.3151, 0.3250



39.8945, 0.3037, 0.3022



18.3682, 0.3157, 0.3239



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.8877, 0.3217, 0.3145



70.9978, 0.3240, 0.3111



40.5149, 0.3303, 0.3273



9.0929, 0.3204, 0.3165



7.6912, 0.4718, 0.2372



0.2834, 0.4229, 0.2103

Inverse Universe

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



40.8877, 0.3217, 0.3145



70.9978, 0.3240, 0.3111



46.7101, 0.2974, 0.3307



9.0929, 0.3204, 0.3165



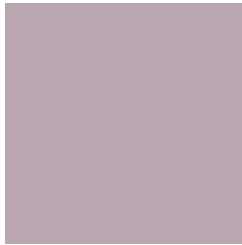
7.6912, 0.4718, 0.2372



0.2834, 0.4229, 0.2103

Previews

White Background



This preview shows how the Yxy color 40.8859, 0.3217, 0.3145 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 40.8859, 0.3217, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

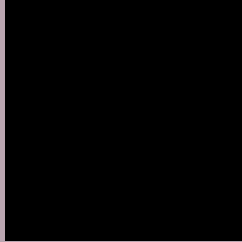
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8859, 0.3217, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 40.8859, 0.3217, 0.3145.



This preview shows how white text looks on a background with the Yxy color 40.8859, 0.3217, 0.3145.

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

40.8859, 0.3217, 0.3145

Protanopia

40.8154, 0.3062, 0.3154

Deuteranopia

40.7610, 0.3208, 0.3145



Tritanopia

40.9662, 0.3200, 0.3119

Trichromacy



Original Color

40.8859, 0.3217, 0.3145

Protanomaly

40.9777, 0.3115, 0.3156

Deuteranomaly

40.7610, 0.3208, 0.3145

Tritanomaly

40.9259, 0.3209, 0.3132

Monochromacy



Original Color

40.8859, 0.3217, 0.3145

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2704, 0.3166, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8859, 0.3217, 0.3145 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(186, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 166, 177)  
}
```

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(186, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 166, 177) }
```

Border

The CSS property to change the border of an element to Yxy 40.8859, 0.3217, 0.3145 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(186, 166, 177) }
```

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

```
.border{ border-color:rgb(186, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 166,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8859, 0.3217, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 166, 177) }
```

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

```
.background{ background-color: rgb(186,  
166, 177) }
```

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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