

Converting Colors

$Yxy(28.4317, 0.3831, 0.3439)$

Have a look what the booklet for
Yxy(28.4317, 0.3831, 0.3439)
contains.

Yxy(28.3955, 0.3838, 0.3435)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.3955, 0.3838, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	B8857B
RGB	184, 133, 123
RGB Percent	72%, 52%, 48%
CMY	0.2785, 0.4784, 0.5177
CMYK	0.00, 0.28, 0.33, 0.28
HSL	10°, 30%, 60%
HSV	10°, 33%, 72%
XYZ	31.7269, 28.3955, 22.5428
YIQ	147.1090, 33.6060, 7.7020

Conversions

Conversions Part 2

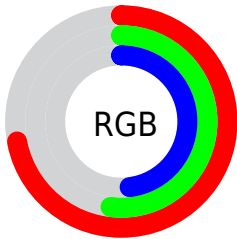
Format	Color
RYB	184, 135, 123
Decimal	12092795
CIELab	60.24, 18.20, 13.14
CIELCh	60, 22.450, 35.821
Yxy	28.3955, 0.3838, 0.3435
Android (android.graphics.Color)	4290282875 (0xFFB8857B)
YUV	147.1090, -11.8857, 32.3534
Hunter-Lab	53.2874, 13.0245, 12.2191

Details

The Yxy color $28.3955, 0.3838, 0.3435$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.9276, 0.2643, 0.3138$, and the grayscale version is $29.2649, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9137, 0.3692, 0.3412$, and $11.3481, 0.4093, 0.3471$ is the 20% darker color. If you saturate the color by 10%, you get $24.0718, 0.4152, 0.3479$, and if you desaturate by 10%, it is $33.4248, 0.3574, 0.3389$.

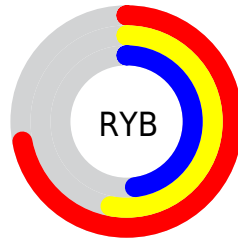
Distribution



Red (72%)

Green (52%)

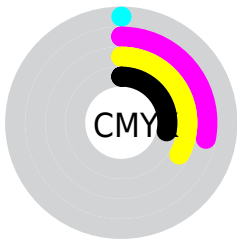
Blue (48%)



Red (72%)

Yellow (53%)

Blue (48%)

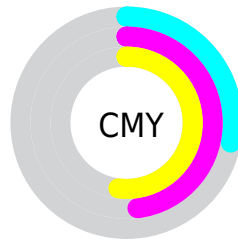


Cyan (0%)

Magenta (28%)

Yellow (33%)

Black (28%)



Cyan (28%)

Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3955, 0.3838, 0.3435 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 28.3955, 0.3838, 0.3435 by changing the saturation by 10% instead.


 28.3955, 0.3838,
0.3435

 28.3955, 0.3838,
0.3435


294.3520, 0.3450,
0.3366


 18.6240, 0.3947,
0.3450


 57.1153, 0.3688,
0.3411

 11.3989, 0.4094,
0.3467


 76.8323, 0.3635,
0.3402

 6.3358, 0.4305,
0.3485


 100.6333, 0.3591,
0.3394

 3.0503, 0.4627,
0.3497

128.9027, 0.3553,
0.3387

 1.1581, 0.5388,
0.3623

162.0249, 0.3522,
0.3381

 0.0271, 0.9456,
0.0544


200.3842, 0.3494,


 0.0000, 0.0000,


0.3375


0.0000


244.3651, 0.3471,
0.3371


 28.3955, 0.3838,
0.3435


 28.3955, 0.3838,
0.3435


 24.0718, 0.4152,
0.3479


 33.4248, 0.3574,
0.3389


 20.4181, 0.4518,
0.3517

 39.1851, 0.3356,
0.3345


 17.4017, 0.4927,
0.3543

 45.7056, 0.3177,
0.3303

 14.9858, 0.5352,
0.3547

 53.0126, 0.3029,
0.3264


 13.1294, 0.5752,
0.3524


 61.1314, 0.2907,
0.3228

 11.7863, 0.6071,
0.3471

 70.0857, 0.2806,
0.3196

 11.1294, 0.6236,
0.3430

 79.8987, 0.2721,
0.3167

 88.9288, 0.2721,
0.3289

Harmonies

Analogous

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



28.3955, 0.3628, 0.3134



28.3955, 0.3838, 0.3435



28.3955, 0.3842, 0.3721

Triad

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



28.3955, 0.3838, 0.3435



28.3955, 0.2946, 0.3760



28.3955, 0.2613, 0.2693

Complementary

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



28.3955, 0.3838, 0.3435



37.9276, 0.2643, 0.3138

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.



28.3955, 0.2456, 0.2814



28.3955, 0.3838, 0.3435



28.3955, 0.2639, 0.3429

Square

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



28.3955, 0.3838, 0.3435



28.3955, 0.3315, 0.3941



28.3955, 0.2465, 0.3077



28.3955, 0.2908, 0.2721

Rectangle

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



28.3955, 0.3838, 0.3435



28.3955, 0.3730, 0.3866



28.3955, 0.2465, 0.3077



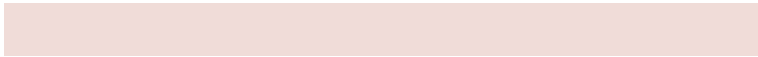
28.3955, 0.2543, 0.2716

Sweetspot

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



28.3968, 0.3838, 0.3435



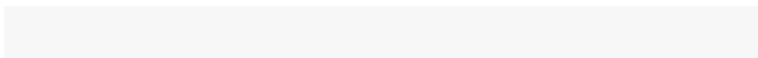
74.4297, 0.3299, 0.3332



27.4401, 0.3262, 0.2590



15.7016, 0.3325, 0.3338



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



28.3968, 0.3838, 0.3435



45.4763, 0.4069, 0.3469



37.6843, 0.3706, 0.3840



9.2443, 0.3284, 0.3328



7.7427, 0.6219, 0.3444



0.3477, 0.5782, 0.3791

Inverse Universe

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



37.9276, 0.2643, 0.3138



65.4669, 0.2546, 0.3099



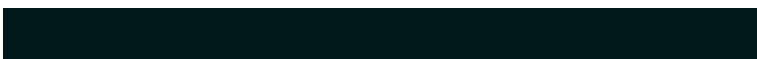
27.7189, 0.2585, 0.2669



9.9525, 0.2985, 0.3252



18.3466, 0.2102, 0.2765



0.7145, 0.2143, 0.2914

Previews

White Background



This preview shows how the Yxy color 28.3955, 0.3838, 0.3435 looks on a white background.

Color Contrast Check

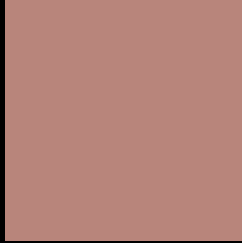
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3955, 0.3838, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

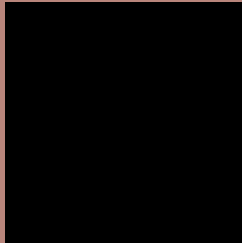
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3955, 0.3838, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 28.3955, 0.3838, 0.3435.



This preview shows how white text looks on a background with the Yxy color 28.3955, 0.3838, 0.3435.

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

28.3955, 0.3838, 0.3435

Protanopia

28.5112, 0.3363, 0.3546

Deuteranopia

28.4861, 0.3634, 0.3565



Tritanopia

28.2978, 0.3671, 0.3151

Trichromacy



Original Color

28.3955, 0.3838, 0.3435

Protanomaly

28.4746, 0.3530, 0.3507

Deuteranomaly

28.2951, 0.3716, 0.3515

Tritanomaly

28.2681, 0.3727, 0.3249

Monochromacy



Original Color

28.3955, 0.3838, 0.3435

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6546, 0.3365, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3955, 0.3838, 0.3435 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(184, 133, 123)` looks like.

```
.text, #text, p{  
    color:rgb(184, 133, 123)  
}
```

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(184, 133, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 133, 123) }
```

Border

The CSS property to change the border of an element to Yxy 28.3955, 0.3838, 0.3435 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(184, 133, 123) }
```

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

```
.border{ border-color:rgb(184, 133, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 133, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 133, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 133, 123);  
box-shadow:4px 4px 4px 4px rgb(184, 133,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3955, 0.3838, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 133, 123) }
```

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

```
.background{ background-color: rgb(184,  
133, 123) }
```

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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