Converting Colors

Yxy(28.1232, 0.3795, 0.3332)

Have a look what the booklet for Yxy(28.1232, 0.3795, 0.3332) contains.

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Color

Yxy(28.1054, 0.3799, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	B98380
RGB	185, 131, 128
RGB Percent	73%, 51%, 50%
CMY	0.2746, 0.4862, 0.4981
CMYK	0.00, 0.29, 0.31, 0.27
HSL	3°, 29%, 61%
HSV	3°, 31%, 73%
XYZ	32.0157, 28.1054, 24.1529
YIQ	146.8040, 33.1470, 10.5150

Conversions

Conversions Part 2

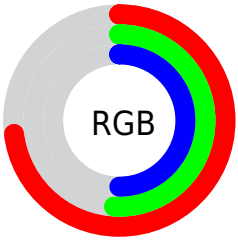
Format	Color
RYB	185, 131, 128
Decimal	12157824
CIELab	59.98, 20.38, 9.94
CIELCh	60, 22.670, 25.999
Yxy	28.1054, 0.3799, 0.3335
Android (android.graphics.Color)	4290347904 (0xFFB98380)
YUV	146.8040, -9.2704, 33.4979
Hunter-Lab	53.0145, 15.0216, 10.0982

Details

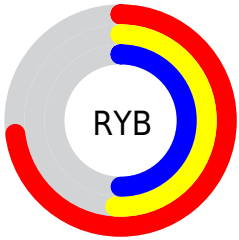
The Yxy color 28.1054, 0.3799, 0.3335 is a light color, and the websafe version is hex CC9999. A complement of this color would be 41.5241, 0.2686, 0.3244, and the grayscale version is 29.1212, 0.3127, 0.3290.

A 20% lighter version of the original color is 56.4944, 0.3654, 0.3324, and 11.1952, 0.4036, 0.3332 is the 20% darker color. If you saturate the color by 10%, you get 23.3491, 0.4125, 0.3350, and if you desaturate by 10%, it is 33.7484, 0.3531, 0.3320.

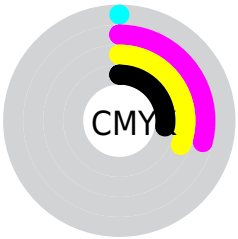
Distribution



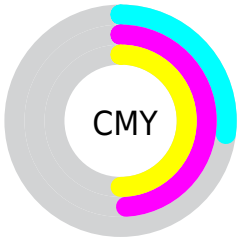
- Red (73%)
- Green (51%)
- Blue (50%)



- Red (73%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (27%)



- Cyan (27%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1054, 0.3799, 0.3335 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 28.1054, 0.3799, 0.3335 by changing the saturation by 10% instead.

28.1054, 0.3799, 0.3335

28.1054, 0.3799, 0.3335

292.9702, 0.3431, 0.3319

18.4051, 0.3902, 0.3336

56.6527, 0.3657, 0.3331

11.2412, 0.4043, 0.3335

76.2685, 0.3606, 0.3329

6.2293, 0.4244, 0.3330

99.9582, 0.3565, 0.3327

2.9850, 0.4556, 0.3310

128.1063, 0.3529, 0.3325

1.1239, 0.5193, 0.3309

161.0972, 0.3499, 0.3323

0.0000, 1.0000, 0.0000

199.3152, 0.3474,

0.0000, 0.0000,

0.3321

0.0000

243.1447, 0.3451, 0.3320

28.1054, 0.3799, 0.3335

28.1054, 0.3799, 0.3335

23.3491, 0.4125, 0.3350

33.7484, 0.3531, 0.3320

19.4306, 0.4513, 0.3363

40.3157, 0.3315, 0.3305

16.3027, 0.4953, 0.3372

47.8476, 0.3140, 0.3291

13.9115, 0.5415, 0.3373

56.3808, 0.2998, 0.3279

12.1967, 0.5846, 0.3364

65.9502, 0.2884, 0.3267

11.0882, 0.6175, 0.3345

10.5256, 0.6362, 0.3330

76.5889, 0.2790, 0.3257

88.1686, 0.2725, 0.3274

89.0519, 0.2726, 0.3289

Harmonies

Analogous

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

28.1054, 0.3530, 0.3040

28.1054, 0.3799, 0.3335

28.1054, 0.3874, 0.3637

Triad

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

28.1054, 0.3799, 0.3335

28.1054, 0.3064, 0.3849

28.1054, 0.2537, 0.2708

Complementary

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

28.1054, 0.3799, 0.3335

41.5241, 0.2686, 0.3244

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.

28.1054, 0.2432, 0.2880

28.1054, 0.3799, 0.3335

28.1054, 0.2723, 0.3550

Square

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

28.1054, 0.3799, 0.3335

28.1054, 0.3436, 0.3965

28.1054, 0.2497, 0.3185

28.1054, 0.2795, 0.2688

Rectangle

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

28.1054, 0.3799, 0.3335

28.1054, 0.3804, 0.3808

28.1054, 0.2497, 0.3185

28.1054, 0.2484, 0.2749

Sweetspot

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

28.1067, 0.3799, 0.3335

74.3482, 0.3283, 0.3302

29.1284, 0.3192, 0.2570

15.6292, 0.3311, 0.3305

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.

28.1067, 0.3799, 0.3335

44.3944, 0.4014, 0.3345

36.7804, 0.3682, 0.3725

9.0868, 0.3286, 0.3303

7.2028, 0.6354, 0.3337

0.2800, 0.6172, 0.3481

Inverse Universe

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

41.5241, 0.2686, 0.3244

72.2588, 0.2602, 0.3233

31.0795, 0.2636, 0.2811

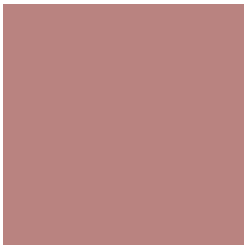
10.1265, 0.2985, 0.3277

23.3369, 0.2202, 0.3125

0.8478, 0.2214, 0.3170

Previews

White Background



This preview shows how the Yxy color 28.1054, 0.3799, 0.3335 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

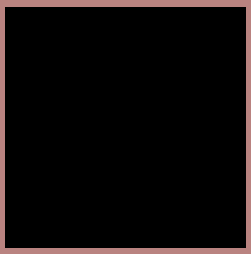
Black Background

Color Contrast Check

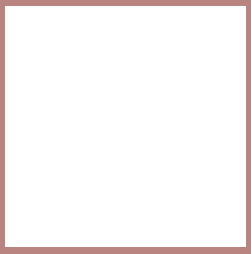
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 28.1054, 0.3799, 0.3335 Background



This preview shows how black text looks on a background with the Yxy color 28.1054, 0.3799, 0.3335.



This preview shows how white text looks on a background with the Yxy color 28.1054, 0.3799, 0.3335.

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
28.1054, 0.3799, 0.3335

Protanopia
28.1798, 0.3282, 0.3435

Deuteranopia
28.3695, 0.3567, 0.3505

Tritanopia
28.0037, 0.3686, 0.3151

Trichromacy

Original Color
28.1054, 0.3799, 0.3335

Protanomaly
27.9177, 0.3470, 0.3399

Deuteranomaly
28.3079, 0.3647, 0.3440

Tritanomaly
28.1536, 0.3731, 0.3221

Monochromacy

Original Color
28.1054, 0.3799, 0.3335

Achromatopsia
29.1771, 0.3127, 0.3290

Achromatomaly
28.5203, 0.3357, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1054, 0.3799, 0.3335 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(185, 131, 128) looks like.

```
.text, #text, p{
    color:rgb(185, 131, 128)
}
```

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(185, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 131, 128) }
```

Border

The CSS property to change the border of an element to Yxy 28.1054, 0.3799, 0.3335 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(185, 131, 128) }
```

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

```
.border{ border-color:rgb(185, 131, 128) }
```

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

Here you see how a box with a 4 pixel rgb(185, 131, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 131, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 131, 128); box-shadow:4px 4px 4px 4px rgb(185, 131, 128) }
```

Background

The CSS property to change the background color of an element to Yxy 28.1054, 0.3799, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(185, 131, 128) }
```

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

```
.background{ background-color:rgb(185,
131, 128) }
```

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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