

Converting Colors

$Y_{xy}(27.3468, 0.3843, 0.3470)$

Have a look what the booklet for
Yxy(27.3468, 0.3843, 0.3470)
contains.

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Color

Yxy(27.2678, 0.3848, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	B48377
RGB	180, 131, 119
RGB Percent	71%, 51%, 47%
CMY	0.2942, 0.4862, 0.5334
CMYK	0.00, 0.27, 0.34, 0.29
HSL	12°, 29%, 59%
HSV	12°, 34%, 71%
XYZ	30.2643, 27.2678, 21.1174
YIQ	144.2830, 33.0560, 6.6560

Conversions

Conversions Part 2

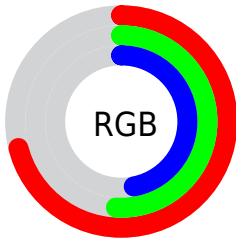
Format	Color
R _Y B	180, 134, 119
Decimal	11830135
CIE Lab	59.22, 17.20, 13.92
CIE LCh	59, 22.129, 38.992
Yxy	27.2678, 0.3848, 0.3467
Android (android.graphics.Color)	4290020215 (0xFFB48377)
YUV	144.2830, -12.4645, 31.3238
Hunter-Lab	52.2186, 12.0708, 12.5759

Details

The Yxy color $27.2678, 0.3848, 0.3467$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.2041, 0.2630, 0.3104$, and the grayscale version is $28.0513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2258, 0.3697, 0.3437$, and $10.7754, 0.4114, 0.3495$ is the 20% darker color. If you saturate the color by 10%, you get $23.2618, 0.4157, 0.3520$, and if you desaturate by 10%, it is $31.8996, 0.3587, 0.3412$.

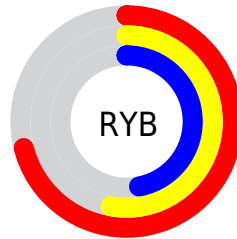
Distribution



Red (71%)

Green (51%)

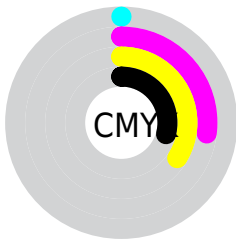
Blue (47%)



Red (71%)

Yellow (53%)

Blue (47%)

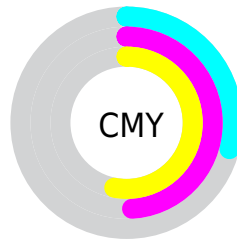


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (49%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2678, 0.3848, 0.3467 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 27.2678, 0.3848, 0.3467 by changing the saturation by 10% instead.


 27.2678, 0.3848,
0.3467

 27.2678, 0.3848,
0.3467


288.9514, 0.3452,
0.3381


 17.7745, 0.3960,
0.3487


 55.3133, 0.3695,
0.3437

 10.7882, 0.4112,
0.3510


 74.6342, 0.3640,
0.3425

 5.9246, 0.4331,
0.3536

 97.9998, 0.3595,
0.3415

 2.7993, 0.4667,
0.3559

125.7945, 0.3557,
0.3406

 1.0279, 0.5656,
0.3830

158.4026, 0.3525,
0.3399

 0.0000, 1.0000,
0.0000

196.2085, 0.3497,

 0.0000, 0.0000,

0.3392

0.0000

239.5966, 0.3473,
0.3386

■ 27.2678, 0.3848,
0.3467

■ 27.2678, 0.3848,
0.3467

■ 23.2618, 0.4157,
0.3520

■ 31.8996, 0.3587,
0.3412

■ 19.8508, 0.4515,
0.3565

■ 37.1786, 0.3369,
0.3359

■ 17.0073, 0.4912,
0.3596


■ 43.1299, 0.3189,
0.3309


■ 14.6997, 0.5324,
0.3602


■ 49.7762, 0.3039,
0.3262

■ 12.8937, 0.5712,
0.3577


■ 57.1390, 0.2915,
0.3219


 11.5502, 0.6026,
0.3517

 65.2389, 0.2812,
0.3180

 10.9316, 0.6179,
0.3476

 74.0957, 0.2725,
0.3145

 83.2041, 0.2691,
0.3198

 88.4408, 0.2701,
0.3289

Harmonies

Analogous

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



27.2678, 0.3658, 0.3165



27.2678, 0.3848, 0.3467



27.2678, 0.3829, 0.3747

Triad

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



27.2678, 0.3848, 0.3467



27.2678, 0.2910, 0.3730



27.2678, 0.2639, 0.2689

Complementary

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



27.2678, 0.3848, 0.3467



35.2041, 0.2630, 0.3104

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.



27.2678, 0.2466, 0.2794



27.2678, 0.3848, 0.3467



27.2678, 0.2614, 0.3391

Square

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



27.2678, 0.3848, 0.3467



27.2678, 0.3275, 0.3931



27.2678, 0.2456, 0.3044



27.2678, 0.2946, 0.2732

Rectangle

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



27.2678, 0.3848, 0.3467



27.2678, 0.3704, 0.3883



27.2678, 0.2456, 0.3044



27.2678, 0.2564, 0.2707

Sweetspot

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



27.2691, 0.3848, 0.3467



71.2960, 0.3298, 0.3340



25.7491, 0.3289, 0.2601



15.0944, 0.3324, 0.3347



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.



27.2691, 0.3848, 0.3467



43.6833, 0.4086, 0.3509



36.4057, 0.3710, 0.3878



8.7676, 0.3282, 0.3336



7.7093, 0.6160, 0.3491



0.3222, 0.5653, 0.3893

Inverse Universe

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



35.2041, 0.2630, 0.3104



60.3390, 0.2528, 0.3054



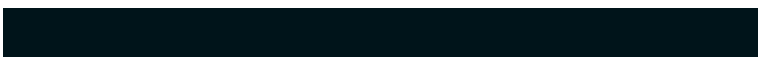
25.4798, 0.2569, 0.2621



9.3412, 0.2986, 0.3244



16.4247, 0.2071, 0.2655



0.5895, 0.2125, 0.2851

Previews

White Background



This preview shows how the Yxy color 27.2678, 0.3848, 0.3467 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 27.2678, 0.3848, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

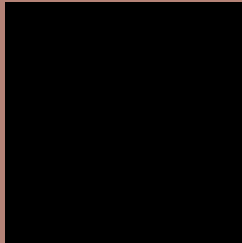
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2678, 0.3848, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 27.2678, 0.3848, 0.3467.



This preview shows how white text looks on a background with the Yxy color 27.2678, 0.3848, 0.3467.

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

27.2678, 0.3848, 0.3467

Protanopia

27.3107, 0.3389, 0.3567

Deuteranopia

27.1987, 0.3656, 0.3585



Tritanopia

27.2184, 0.3655, 0.3148

Trichromacy



Original Color

27.2678, 0.3848, 0.3467

Protanomaly

27.1841, 0.3549, 0.3526

Deuteranomaly

27.1820, 0.3723, 0.3550

Tritanomaly

27.1630, 0.3724, 0.3263

Monochromacy



Original Color

27.2678, 0.3848, 0.3467

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.3826, 0.3369, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2678, 0.3848, 0.3467 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, 131, 119)` looks like.

```
.text, #text, p{  
  color:rgb(180, 131, 119)  
}
```

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, 131, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 131, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.2678, 0.3848, 0.3467 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, 131, 119) }
```

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

```
.border{ border-color:rgb(180, 131, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 131, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 131, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 131, 119);  
box-shadow:4px 4px 4px 4px rgb(180, 131,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2678, 0.3848, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 131, 119) }
```

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

```
.background{ background-color: rgb(180,  
131, 119) }
```

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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