

Converting Colors

$Y_{xy}(27.4282, 0.3973, 0.3433)$

Have a look what the booklet for
Yxy(27.4282, 0.3973, 0.3433)
contains.

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Color

Yxy(27.4377, 0.3970, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	BC8076
RGB	188, 128, 118
RGB Percent	74%, 50%, 46%
CMY	0.2627, 0.4980, 0.5373
CMYK	0.00, 0.32, 0.37, 0.26
HSL	9°, 34%, 60%
HSV	9°, 37%, 74%
XYZ	31.7296, 27.4377, 20.7561
YIQ	144.8000, 38.9700, 9.6100

Conversions

Conversions Part 2

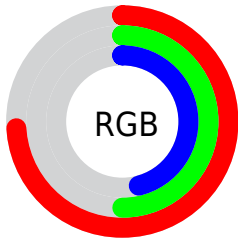
Format	Color
R _Y B	188, 130, 118
Decimal	12353654
CIE Lab	59.38, 21.95, 14.86
CIE LCh	59, 26.506, 34.090
Yxy	27.4377, 0.3970, 0.3433
Android (android.graphics.Color)	4290543734 (0xFFBC8076)
YUV	144.8000, -13.2124, 37.8864
Hunter-Lab	52.3810, 16.4589, 13.1729

Details

The Yxy color $27.4377, 0.3970, 0.3433$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $39.3187, 0.2592, 0.3139$, and the grayscale version is $28.2730, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5429, 0.3795, 0.3411$, and $10.8775, 0.4278, 0.3446$ is the 20% darker color. If you saturate the color by 10%, you get $23.1613, 0.4312, 0.3470$, and if you desaturate by 10%, it is $32.4731, 0.3681, 0.3393$.

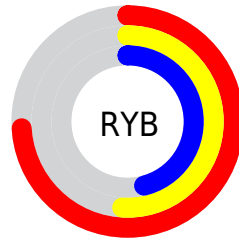
Distribution



Red (74%)

Green (50%)

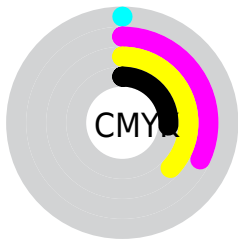
Blue (46%)



Red (74%)

Yellow (51%)

Blue (46%)

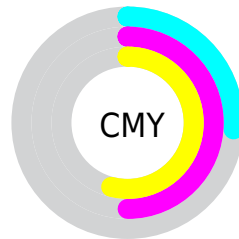


Cyan (0%)

Magenta (32%)

Yellow (37%)

Black (26%)



Cyan (26%)

Magenta (50%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4377, 0.3970, 0.3433 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 27.4377, 0.3970, 0.3433 by changing the saturation by 10% instead.


 27.4377, 0.3970,
0.3433


 27.4377, 0.3970,
0.3433


289.7702, 0.3507,
0.3369

 17.9022, 0.4101,
0.3445


 55.5854, 0.3791,
0.3412

 10.8798, 0.4278,
0.3457


 74.9665, 0.3727,
0.3404

 5.9861, 0.4530,
0.3464

 98.3982, 0.3674,
0.3396

 2.8366, 0.4916,
0.3455

126.2649, 0.3630,
0.3389

 1.0470, 0.6020,
0.3659

158.9511, 0.3592,
0.3383

 0.0000, 1.0000,
0.0000

196.8411, 0.3560,

 0.0000, 0.0000,


0.3378


0.0000


240.3193, 0.3532,
0.3373

 27.4377, 0.3970,
0.3433


 27.4377, 0.3970,
0.3433


 23.1613, 0.4312,
0.3470


 32.4731, 0.3681,
0.3393


 19.6033, 0.4706,
0.3499

 38.2979, 0.3443,
0.3354


 16.7250, 0.5135,
0.3513


 44.9454, 0.3247,
0.3316


 14.4829, 0.5563,
0.3506


 52.4460, 0.3086,
0.3281

 12.8278, 0.5938,
0.3472


 60.8284, 0.2954,
0.3249

 11.7020, 0.6209,
0.3416

 70.1202, 0.2845,
0.3219

 11.4726, 0.6270,
0.3404

 80.3475, 0.2755,
0.3193

 89.4331, 0.2742,
0.3289

Harmonies

Analogous

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



27.4377, 0.3705, 0.3083



27.4377, 0.3970, 0.3433



27.4377, 0.3986, 0.3776

Triad

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



27.4377, 0.3970, 0.3433



27.4377, 0.2932, 0.3877



27.4377, 0.2502, 0.2587

Complementary

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



27.4377, 0.3970, 0.3433



39.3187, 0.2592, 0.3139

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.



27.4377, 0.2331, 0.2734



27.4377, 0.3970, 0.3433



27.4377, 0.2564, 0.3480

Square

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



27.4377, 0.3970, 0.3433



27.4377, 0.3370, 0.4080



27.4377, 0.2351, 0.3051



27.4377, 0.2841, 0.2614

Rectangle

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



27.4377, 0.3970, 0.3433



27.4377, 0.3858, 0.3959



27.4377, 0.2351, 0.3051



27.4377, 0.2425, 0.2617

Sweetspot

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



27.4390, 0.3970, 0.3433



76.5286, 0.3319, 0.3330



26.8864, 0.3270, 0.2489



16.1048, 0.3345, 0.3335



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.



27.4390, 0.3970, 0.3433



43.0576, 0.4257, 0.3465



37.9590, 0.3795, 0.3895



9.7508, 0.3285, 0.3323



7.8772, 0.6254, 0.3416



0.3802, 0.5874, 0.3718

Inverse Universe

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



39.3187, 0.2592, 0.3139



67.7599, 0.2489, 0.3100



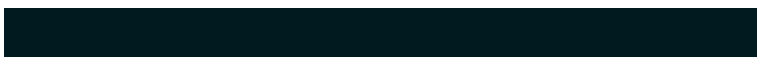
27.3245, 0.2515, 0.2596



10.5704, 0.2985, 0.3256



19.9330, 0.2121, 0.2835



0.8455, 0.2154, 0.2955

Previews

White Background



This preview shows how the Yxy color 27.4377, 0.3970, 0.3433 looks on a white background.

Color Contrast Check

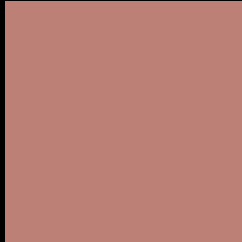
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4377, 0.3970, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

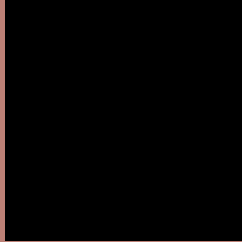
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4377, 0.3970, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 27.4377, 0.3970, 0.3433.



This preview shows how white text looks on a background with the Yxy color 27.4377, 0.3970, 0.3433.

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

27.4377, 0.3970, 0.3433

Protanopia

27.6096, 0.3387, 0.3583

Deuteranopia

27.6534, 0.3697, 0.3629



Tritanopia

27.3637, 0.3796, 0.3153

Trichromacy



Original Color

27.4377, 0.3970, 0.3433

Protanomaly

27.4746, 0.3595, 0.3539

Deuteranomaly

27.4485, 0.3798, 0.3544

Tritanomaly

27.3255, 0.3855, 0.3250

Monochromacy



Original Color

27.4377, 0.3970, 0.3433

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7916, 0.3415, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4377, 0.3970, 0.3433 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(188, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(188, 128, 118)  
}
```

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(188, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 128, 118) }
```

Border

The CSS property to change the border of an element to Yxy 27.4377, 0.3970, 0.3433 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(188, 128, 118) }
```

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

```
.border{ border-color:rgb(188, 128, 118) }
```

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

Here you see how a box with a 4 pixel rgb(188, 128, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(188, 128,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4377, 0.3970, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 128, 118) }
```

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

```
.background{ background-color: rgb(188,  
128, 118) }
```

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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