

Converting Colors

$Y_{xy}(27.8614, 0.3790, 0.3445)$

Have a look what the booklet for
Yxy(27.8614, 0.3790, 0.3445)
contains.

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Color

Yxy(27.7888, 0.3780, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	B3857B
RGB	179, 133, 123
RGB Percent	70%, 52%, 48%
CMY	0.2980, 0.4784, 0.5177
CMYK	0.00, 0.26, 0.31, 0.30
HSL	11°, 27%, 59%
HSV	11°, 31%, 70%
XYZ	30.5531, 27.7888, 22.4865
YIQ	145.6140, 30.6260, 6.6420

Conversions

Conversions Part 2

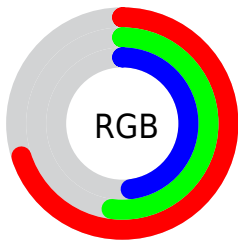
Format	Color
R _Y B	179, 135, 123
Decimal	11765115
CIE Lab	59.70, 16.23, 12.29
CIE LCh	60, 20.361, 37.146
Yxy	27.7888, 0.3780, 0.3438
Android (android.graphics.Color)	4289955195 (0xFFB3857B)
YUV	145.6140, -11.1487, 29.2795
Hunter-Lab	52.7151, 11.2054, 11.6095

Details

The Yxy color **27.7888, 0.3780, 0.3438** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8350, 0.2668, 0.3136**, and the grayscale version is **28.6158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0458, 0.3648, 0.3414**, and **11.0409, 0.4026, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **23.6348, 0.4081, 0.3487**, and if you desaturate by 10%, it is **32.5906, 0.3528, 0.3388**.

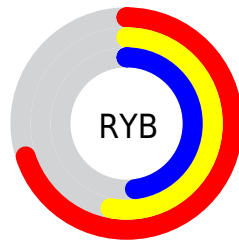
Distribution



Red (70%)

Green (52%)

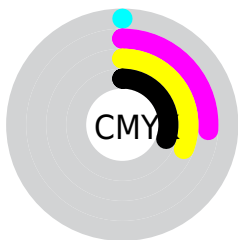
Blue (48%)



Red (70%)

Yellow (53%)

Blue (48%)

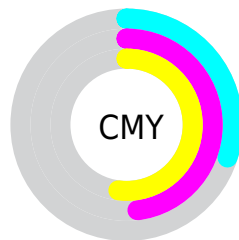


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (30%)



Cyan (30%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7888, 0.3780, 0.3438 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 27.7888, 0.3780, 0.3438 by changing the saturation by 10% instead.


 27.7888, 0.3780,
0.3438


 27.7888, 0.3780,
0.3438


291.4563, 0.3422,
0.3366


 18.1665, 0.3881,
0.3454


 56.1471, 0.3642,
0.3413

 11.0696, 0.4018,
0.3474


 75.6519, 0.3592,
0.3403

 6.1137, 0.4215,
0.3497

 99.2196, 0.3552,
0.3394

 2.9143, 0.4518,
0.3519

127.2347, 0.3517,
0.3387

 1.0872, 0.5272,
0.3680

160.0815, 0.3488,
0.3381

 0.0000, 1.0000,
0.0000

198.1444, 0.3463,

 0.0000, 0.0000,

0.3375

0.0000

241.8079, 0.3441,
0.3370

■ 27.7888, 0.3780,
0.3438

■ 27.7888, 0.3780,
0.3438

■ 23.6348, 0.4081,
0.3487

■ 32.5906, 0.3528,
0.3388

■ 20.0970, 0.4432,
0.3530

■ 38.0624, 0.3319,
0.3341

■ 17.1469, 0.4827,
0.3561


■ 44.2299, 0.3147,
0.3296


■ 14.7523, 0.5245,
0.3572


■ 51.1167, 0.3005,
0.3254


■ 12.8775, 0.5649,
0.3555

■ 58.7449, 0.2887,
0.3216

 11.4830, 0.5988,
0.3506

 67.1359, 0.2789,
0.3182

 10.6184, 0.6210,
0.3451

 76.3100, 0.2707,
0.3151

 85.5452, 0.2691,
0.3241

 88.3244, 0.2696,
0.3289

Harmonies

Analogous

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



27.7888, 0.3596, 0.3160



27.7888, 0.3780, 0.3438



27.7888, 0.3776, 0.3697

Triad

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



27.7888, 0.3780, 0.3438



27.7888, 0.2949, 0.3706



27.7888, 0.2665, 0.2740

Complementary

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



27.7888, 0.3780, 0.3438



35.8350, 0.2668, 0.3136

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.



27.7888, 0.2514, 0.2847



27.7888, 0.3780, 0.3438



27.7888, 0.2671, 0.3404

Square

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



27.7888, 0.3780, 0.3438



27.7888, 0.3285, 0.3879



27.7888, 0.2516, 0.3084



27.7888, 0.2942, 0.2770

Rectangle

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



27.7888, 0.3780, 0.3438



27.7888, 0.3670, 0.3825



27.7888, 0.2516, 0.3084



27.7888, 0.2599, 0.2760

Sweetspot

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



27.7901, 0.3780, 0.3438



70.4261, 0.3280, 0.3331



26.6359, 0.3263, 0.2642



15.2643, 0.3306, 0.3337



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.



27.7901, 0.3780, 0.3438



44.1920, 0.3996, 0.3474



36.2707, 0.3664, 0.3819



8.7430, 0.3283, 0.3331



7.5731, 0.6193, 0.3465



0.3121, 0.5709, 0.3849

Inverse Universe

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



35.8350, 0.2668, 0.3136



61.0008, 0.2570, 0.3094



26.7088, 0.2617, 0.2696



9.3678, 0.2986, 0.3248



17.1280, 0.2088, 0.2717



0.6065, 0.2137, 0.2893

Previews

White Background



This preview shows how the Yxy color 27.7888, 0.3780, 0.3438 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 27.7888, 0.3780, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

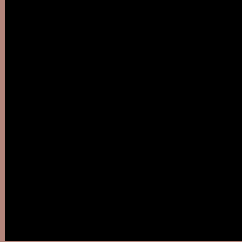
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7888, 0.3780, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 27.7888, 0.3780, 0.3438.



This preview shows how white text looks on a background with the Yxy color 27.7888, 0.3780, 0.3438.

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

27.7888, 0.3780, 0.3438

Protanopia

27.9891, 0.3353, 0.3549

Deuteranopia

27.9774, 0.3615, 0.3552



Tritanopia

27.6825, 0.3613, 0.3148

Trichromacy



Original Color

27.7888, 0.3780, 0.3438

Protanomaly

27.8396, 0.3510, 0.3510

Deuteranomaly

27.9544, 0.3681, 0.3517

Tritanomaly

27.6571, 0.3669, 0.3248

Monochromacy



Original Color

27.7888, 0.3780, 0.3438

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1538, 0.3344, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7888, 0.3780, 0.3438 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(179, 133, 123)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 133, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 133, 123) }
```

Border

The CSS property to change the border of an element to Yxy 27.7888, 0.3780, 0.3438 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(179, 133, 123) }
```

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

```
.border{ border-color:rgb(179, 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(179, 133, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 133, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 133, 123);  
box-shadow:4px 4px 4px 4px rgb(179, 133,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7888, 0.3780, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 133, 123) }
```

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

```
.background{ background-color: rgb(179,  
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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