

Converting Colors

$Y_{xy}(26.2654, 0.3824, 0.3363)$

Have a look what the booklet for
Yxy(26.2654, 0.3824, 0.3363)
contains.

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Color

Yxy(26.2872, 0.3831, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	B47F7A
RGB	180, 127, 122
RGB Percent	71%, 50%, 48%
CMY	0.2940, 0.5020, 0.5216
CMYK	0.00, 0.29, 0.32, 0.29
HSL	5°, 28%, 59%
HSV	5°, 32%, 71%
XYZ	29.9276, 26.2872, 21.9047
YIQ	142.2770, 33.1930, 9.6810

Conversions

Conversions Part 2

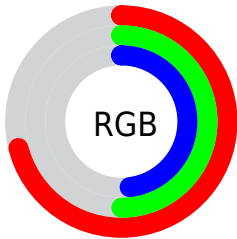
Format	Color
RYB	180, 127, 122
Decimal	11829114
CIELab	58.31, 19.86, 10.93
CIElCh	58, 22.670, 28.821
Yxy	26.2872, 0.3831, 0.3365
Android (android.graphics.Color)	4290019194 (0xFFB47F7A)
YUV	142.2770, -9.9966, 33.0831
Hunter-Lab	51.2710, 14.4684, 10.5591

Details

The Yxy color **26.2872, 0.3831, 0.3365** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.0976, 0.2665, 0.3213**, and the grayscale version is **27.1968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7030, 0.3683, 0.3359**, and **10.2244, 0.4112, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **21.9755, 0.4157, 0.3389**, and if you desaturate by 10%, it is **31.3777, 0.3561, 0.3341**.

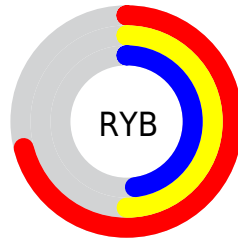
Distribution



Red (71%)

Green (50%)

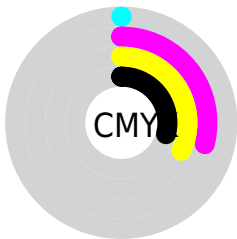
Blue (48%)



Red (71%)

Yellow (50%)

Blue (48%)

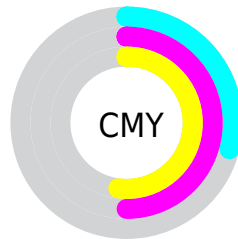


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2872, 0.3831, 0.3365 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 26.2872, 0.3831, 0.3365 by changing the saturation by 10% instead.


 26.2872, 0.3831,
0.3365


 26.2872, 0.3831,
0.3365


284.1891, 0.3442,
0.3333


 17.0386, 0.3942,
0.3370


 53.7379, 0.3680,
0.3355

 10.2620, 0.4094,
0.3374


 72.7088, 0.3626,
0.3351

 5.5730, 0.4315,
0.3374

 95.6893, 0.3582,
0.3347

 2.5872, 0.4659,
0.3359

123.0638, 0.3545,
0.3344

 0.9203, 0.5598,
0.3499

155.2166, 0.3513,
0.3341

 0.0000, 1.0000,
0.0000

192.5321, 0.3486,

 0.0000, 0.0000,

0.3338

0.0000

235.3948, 0.3463,
0.3335

■ 26.2872, 0.3831,
0.3365

■ 26.2872, 0.3831,
0.3365

■ 21.9755, 0.4157,
0.3389

■ 31.3777, 0.3561,
0.3341

■ 18.4005, 0.4542,
0.3409

■ 37.2788, 0.3341,
0.3317

■ 15.5222, 0.4975,
0.3422


■ 44.0250, 0.3162,
0.3295

■ 13.2951, 0.5427,
0.3422

■ 51.6479, 0.3017,
0.3274

■ 11.6680, 0.5845,
0.3407


■ 60.1773, 0.2898,
0.3256

 10.5825, 0.6166,
0.3376

 69.6417, 0.2801,
0.3239

 10.0628, 0.6333,
0.3353

 80.0683, 0.2721,
0.3224

 88.4458, 0.2701,
0.3289

Harmonies

Analogous

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



26.2872, 0.3571, 0.3060



26.2872, 0.3831, 0.3365



26.2872, 0.3887, 0.3671

Triad

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



26.2872, 0.3831, 0.3365



26.2872, 0.3026, 0.3840



26.2872, 0.2543, 0.2687

Complementary

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



26.2872, 0.3831, 0.3365



38.0976, 0.2665, 0.3213

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.



26.2872, 0.2420, 0.2848



26.2872, 0.3831, 0.3365



26.2872, 0.2686, 0.3522

Square

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



26.2872, 0.3831, 0.3365



26.2872, 0.3408, 0.3979



26.2872, 0.2469, 0.3148



26.2872, 0.2819, 0.2682

Rectangle

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



26.2872, 0.3831, 0.3365



26.2872, 0.3801, 0.3839



26.2872, 0.2469, 0.3148



26.2872, 0.2483, 0.2723

Sweetspot

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



26.2884, 0.3831, 0.3365



69.9757, 0.3301, 0.3312



26.7243, 0.3216, 0.2562



14.7757, 0.3328, 0.3315



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.



26.2884, 0.3831, 0.3365



41.7145, 0.4068, 0.3383



34.8341, 0.3703, 0.3771



8.6193, 0.3285, 0.3310



7.0654, 0.6322, 0.3362



0.2609, 0.6027, 0.3596

Inverse Universe

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



38.0976, 0.2665, 0.3213



66.6005, 0.2573, 0.3193



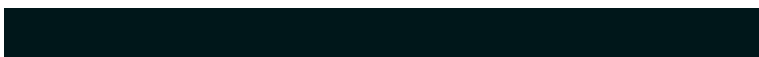
28.0425, 0.2610, 0.2754



9.5036, 0.2986, 0.3270



20.9964, 0.2173, 0.3022



0.6971, 0.2195, 0.3102

Previews

White Background



This preview shows how the Yxy color 26.2872, 0.3831, 0.3365 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 26.2872, 0.3831, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

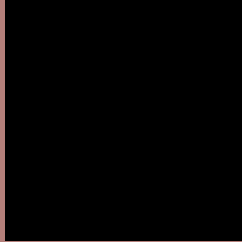
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2872, 0.3831, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 26.2872, 0.3831, 0.3365.



This preview shows how white text looks on a background with the Yxy color 26.2872, 0.3831, 0.3365.

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

26.2872, 0.3831, 0.3365

Protanopia

26.4521, 0.3307, 0.3472

Deuteranopia

26.2611, 0.3594, 0.3528



Tritanopia

26.2403, 0.3690, 0.3148

Trichromacy



Original Color

26.2872, 0.3831, 0.3365

Protanomaly

26.1034, 0.3490, 0.3434

Deuteranomaly

26.2078, 0.3677, 0.3460

Tritanomaly

26.3572, 0.3748, 0.3234

Monochromacy



Original Color

26.2872, 0.3831, 0.3365

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.7085, 0.3362, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2872, 0.3831, 0.3365 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, 127, 122)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 122)  
}
```

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, 127, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.2872, 0.3831, 0.3365 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, 127, 122) }
```

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

```
.border{ border-color:rgb(180, 127, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 127, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 127, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 127, 122); box-shadow:4px 4px 4px 4px rgb(180, 127, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2872, 0.3831, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 122) }
```

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

```
.background{ background-color: rgb(180,  
127, 122) }
```

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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