

Converting Colors

$Y_{xy}(26.5870, 0.3852, 0.3414)$

Have a look what the booklet for
Yxy(26.5870, 0.3852, 0.3414)
contains.

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Color

Yxy(26.4977, 0.3850, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	B48078
RGB	180, 128, 120
RGB Percent	71%, 50%, 47%
CMY	0.2943, 0.4980, 0.5294
CMYK	0.00, 0.29, 0.33, 0.29
HSL	8°, 29%, 59%
HSV	8°, 33%, 71%
XYZ	29.9255, 26.4977, 21.3054
YIQ	142.6360, 33.5600, 8.5360

Conversions

Conversions Part 2

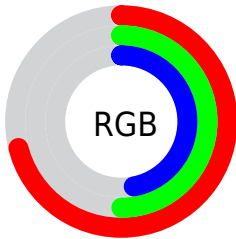
Format	Color
R_{YB}	180, 129, 120
Decimal	11829368
CIE _{Lab}	58.51, 19.00, 12.35
CIE _{LCh}	59, 22.662, 33.018
Yxy	26.4977, 0.3850, 0.3409
Android (android.graphics.Color)	4290019448 (0xFFB48078)
YUV	142.6360, -11.1595, 32.7682
Hunter-Lab	51.4759, 13.6882, 11.4935

Details

The Yxy color **26.4977, 0.3850, 0.3409** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.7696, 0.2645, 0.3166**, and the grayscale version is **27.3510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0308, 0.3698, 0.3392**, and **10.3523, 0.4122, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **22.3425, 0.4172, 0.3445**, and if you desaturate by 10%, it is **31.3624, 0.3582, 0.3372**.

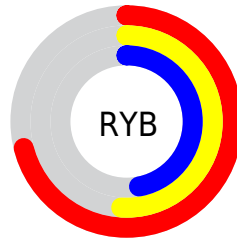
Distribution



Red (71%)

Green (50%)

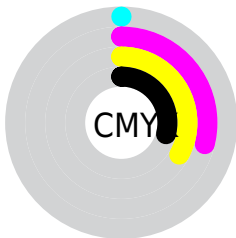
Blue (47%)



Red (71%)

Yellow (51%)

Blue (47%)

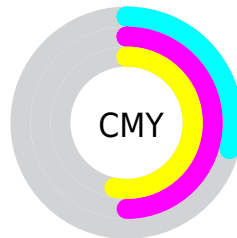


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4977, 0.3850, 0.3409 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 26.4977, 0.3850, 0.3409 by changing the saturation by 10% instead.


 26.4977, 0.3850,
0.3409


 26.4977, 0.3850,
0.3409


285.2168, 0.3451,
0.3354


 17.1963, 0.3964,
0.3420


 54.0768, 0.3695,
0.3391

 10.3746, 0.4119,
0.3432


 73.1233, 0.3640,
0.3383

 5.6480, 0.4344,
0.3442


 96.1870, 0.3594,
0.3377

 2.6323, 0.4693,
0.3442

123.6522, 0.3556,
0.3371

 0.9429, 0.5712,
0.3659

155.9034, 0.3524,
0.3366

 0.0000, 1.0000,
0.0000

193.3250, 0.3496,

 0.0000, 0.0000,

0.3361

0.0000

236.3013, 0.3472,
0.3357

■ 26.4977, 0.3850,
0.3409

■ 26.4977, 0.3850,
0.3409

■ 22.3425, 0.4172,
0.3445

■ 31.3624, 0.3582,
0.3372

■ 18.8598, 0.4547,
0.3476

■ 36.9636, 0.3361,
0.3335

■ 16.0154, 0.4967,
0.3495


■ 43.3316, 0.3180,
0.3301

■ 13.7702, 0.5403,
0.3497


■ 50.4939, 0.3031,
0.3269


■ 12.0808, 0.5807,
0.3474


■ 58.4765, 0.2910,
0.3240

 10.8980, 0.6123,
0.3428

 67.3044, 0.2809,
0.3214

 10.3557, 0.6279,
0.3397

 77.0015, 0.2725,
0.3191

 86.9992, 0.2698,
0.3264

 88.4391, 0.2701,
0.3289

Harmonies

Analogous

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



26.4977, 0.3616, 0.3101



26.4977, 0.3850, 0.3409



26.4977, 0.3874, 0.3708

Triad

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



26.4977, 0.3850, 0.3409



26.4977, 0.2974, 0.3802



26.4977, 0.2575, 0.2679

Complementary

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



26.4977, 0.3850, 0.3409



36.7696, 0.2645, 0.3166

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.



26.4977, 0.2429, 0.2817



26.4977, 0.3850, 0.3409



26.4977, 0.2648, 0.3469

Square

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



26.4977, 0.3850, 0.3409



26.4977, 0.3355, 0.3970



26.4977, 0.2454, 0.3100



26.4977, 0.2868, 0.2694

Rectangle

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



26.4977, 0.3850, 0.3409



26.4977, 0.3770, 0.3867



26.4977, 0.2454, 0.3100



26.4977, 0.2508, 0.2708

Sweetspot

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



26.4990, 0.3850, 0.3409



70.5388, 0.3300, 0.3324



26.1088, 0.3252, 0.2575



14.9115, 0.3326, 0.3329



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.



26.4990, 0.3850, 0.3409



42.3961, 0.4081, 0.3436



35.5010, 0.3712, 0.3828



8.6826, 0.3284, 0.3321



7.2894, 0.6264, 0.3409



0.2872, 0.5855, 0.3733

Inverse Universe

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



36.7696, 0.2645, 0.3166



63.8828, 0.2552, 0.3135



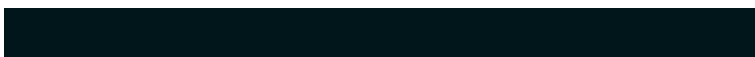
26.6285, 0.2585, 0.2684



9.4337, 0.2986, 0.3259



18.9462, 0.2130, 0.2868



0.6496, 0.2166, 0.2996

Previews

White Background



This preview shows how the Yxy color 26.4977, 0.3850, 0.3409 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 26.4977, 0.3850, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

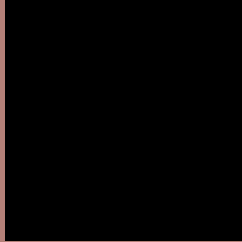
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4977, 0.3850, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 26.4977, 0.3850, 0.3409.



This preview shows how white text looks on a background with the Yxy color 26.4977, 0.3850, 0.3409.

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

26.4977, 0.3850, 0.3409

Protanopia

26.7592, 0.3347, 0.3537

Deuteranopia

26.7268, 0.3625, 0.3557



Tritanopia

26.4947, 0.3687, 0.3162

Trichromacy



Original Color

26.4977, 0.3850, 0.3409

Protanomaly

26.4345, 0.3521, 0.3481

Deuteranomaly

26.5420, 0.3708, 0.3505

Tritanomaly

26.6142, 0.3744, 0.3248

Monochromacy



Original Color

26.4977, 0.3850, 0.3409

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9941, 0.3360, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4977, 0.3850, 0.3409 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, 128, 120)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 120)  
}
```

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, 128, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.4977, 0.3850, 0.3409 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, 128, 120) }
```

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

```
.border{ border-color:rgb(180, 128, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 128, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 120);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4977, 0.3850, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 120) }
```

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

```
.background{ background-color: rgb(180,  
128, 120) }
```

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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