

Converting Colors

$Y_{xy}(26.8835, 0.3913, 0.3525)$

Have a look what the booklet for
Yxy(26.8835, 0.3913, 0.3525)
contains.

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Color

Yxy(26.8835, 0.3913, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	B48272
RGB	180, 130, 114
RGB Percent	71%, 51%, 45%
CMY	0.2941, 0.4902, 0.5529
CMYK	0.00, 0.28, 0.37, 0.29
HSL	15°, 31%, 58%
HSV	15°, 37%, 71%
XYZ	29.8426, 26.8835, 19.5392
YIQ	143.1260, 34.9360, 5.6240

Conversions

Conversions Part 2

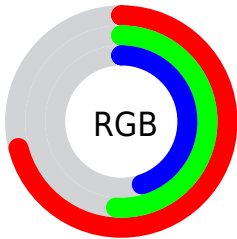
Format	Color
R_{YB}	180, 135, 114
Decimal	11829874
CIE _{Lab}	58.87, 17.14, 16.27
CIE _{LCh}	59, 23.630, 43.515
Yxy	26.8835, 0.3913, 0.3525
Android (android.graphics.Color)	4290019954 (0xFFB48272)
YUV	143.1260, -14.3591, 32.3385
Hunter-Lab	51.8493, 12.0019, 13.9514

Details

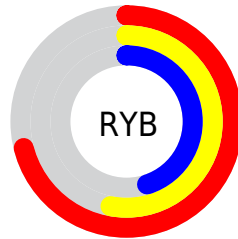
The Yxy color $26.8835, 0.3913, 0.3525$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $33.4268, 0.2587, 0.3038$, and the grayscale version is $27.5701, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6247, 0.3744, 0.3482$, and $10.4906, 0.4197, 0.3577$ is the 20% darker color. If you saturate the color by 10%, you get $23.1234, 0.4224, 0.3588$, and if you desaturate by 10%, it is $31.2077, 0.3647, 0.3458$.

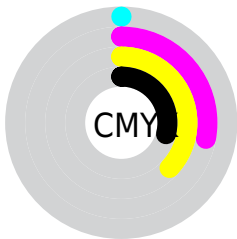
Distribution



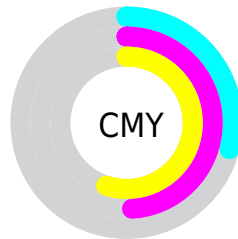
- Red (71%)
- Green (51%)
- Blue (45%)



- Red (71%)
- Yellow (53%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (29%)





- Cyan (29%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8835, 0.3913, 0.3525 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 26.8835, 0.3913, 0.3525 by changing the saturation by 10% instead.


 26.8835, 0.3913,
0.3525


 26.8835, 0.3913,
0.3525


287.0926, 0.3480,
0.3409


 17.4857, 0.4035,
0.3552


 54.6969, 0.3746,
0.3484


 10.5814, 0.4201,
0.3584


 73.8813, 0.3686,
0.3468

 5.7861, 0.4439,
0.3620

 97.0967, 0.3637,
0.3455

 2.7155, 0.4802,
0.3654

 124.7275, 0.3595,
0.3443

 0.9851, 0.5973,
0.4027

157.1581, 0.3560,
0.3433

 0.0000, 1.0000,
0.0000

194.7729, 0.3530,

 0.0000, 0.0000,

0.3424

0.0000

237.9563, 0.3504,
0.3416

■ 26.8835, 0.3913,
0.3525

■ 26.8835, 0.3913,
0.3525

■ 23.1234, 0.4224,
0.3588

■ 31.2077, 0.3647,
0.3458

■ 19.9001, 0.4578,
0.3641

■ 36.1142, 0.3422,
0.3392

■ 17.1896, 0.4963,
0.3675


■ 41.6253, 0.3235,
0.3330

■ 14.9644, 0.5355,
0.3678


■ 47.7607, 0.3078,
0.3271

■ 13.1945, 0.5716,
0.3643


■ 54.5394, 0.2947,
0.3217


 11.8449, 0.6005,
0.3571

 61.9796, 0.2837,
0.3168

 11.4766, 0.6090,
0.3546

 70.0985, 0.2745,
0.3123

 78.7175, 0.2682,
0.3115

 87.0111, 0.2698,
0.3264

Harmonies

Analogous

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



26.8835, 0.3741, 0.3202



26.8835, 0.3913, 0.3525



26.8835, 0.3857, 0.3815

Triad

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



26.8835, 0.3913, 0.3525



26.8835, 0.2838, 0.3715



26.8835, 0.2646, 0.2646

Complementary

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



26.8835, 0.3913, 0.3525



33.4268, 0.2587, 0.3038

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.



26.8835, 0.2438, 0.2731



26.8835, 0.3913, 0.3525



26.8835, 0.2542, 0.3338

Square

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



26.8835, 0.3913, 0.3525



26.8835, 0.3224, 0.3962



26.8835, 0.2400, 0.2975



26.8835, 0.2990, 0.2714

Rectangle

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



26.8835, 0.3913, 0.3525



26.8835, 0.3703, 0.3949



26.8835, 0.2400, 0.2975



26.8835, 0.2559, 0.2656

Sweetspot

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



26.8848, 0.3913, 0.3525



70.8128, 0.3315, 0.3358



24.4427, 0.3344, 0.2587



15.0190, 0.3340, 0.3366



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.



26.8848, 0.3913, 0.3525



43.1520, 0.4161, 0.3577



36.9010, 0.3749, 0.3969



8.8287, 0.3281, 0.3346



8.1004, 0.6070, 0.3563



0.3472, 0.5526, 0.3994

Inverse Universe

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



33.4268, 0.2587, 0.3038



56.7181, 0.2479, 0.2973



23.2701, 0.2511, 0.2500



9.2756, 0.2986, 0.3234



14.7722, 0.2028, 0.2499



0.5490, 0.2096, 0.2745

Previews

White Background



This preview shows how the Yxy color 26.8835, 0.3913, 0.3525 looks on a white background.

Color Contrast Check

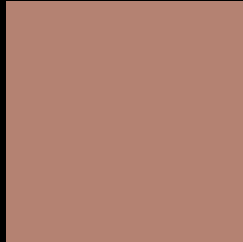
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8835, 0.3913, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

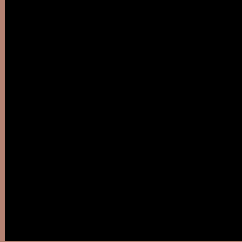
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8835, 0.3913, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 26.8835, 0.3913, 0.3525.



This preview shows how white text looks on a background with the Yxy color 26.8835, 0.3913, 0.3525.

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

26.8835, 0.3913, 0.3525

Protanopia

27.1861, 0.3442, 0.3650

Deuteranopia

26.9076, 0.3729, 0.3647



Tritanopia

26.9014, 0.3683, 0.3163

Trichromacy



Original Color

26.8835, 0.3913, 0.3525

Protanomaly

27.0620, 0.3605, 0.3606

Deuteranomaly

26.9004, 0.3797, 0.3610

Tritanomaly

26.8206, 0.3765, 0.3292

Monochromacy



Original Color

26.8835, 0.3913, 0.3525

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9108, 0.3393, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8835, 0.3913, 0.3525 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, 130, 114)` looks like.

```
.text, #text, p{  
    color:rgb(180, 130, 114)  
}
```

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, 130, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 130, 114) }
```

Border

The CSS property to change the border of an element to Yxy 26.8835, 0.3913, 0.3525 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, 130, 114) }
```

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

```
.border{ border-color:rgb(180, 130, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 130, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 130, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 130, 114);  
box-shadow:4px 4px 4px 4px rgb(180, 130,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8835, 0.3913, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 130, 114) }
```

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

```
.background{ background-color: rgb(180,  
130, 114) }
```

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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