

Converting Colors

$Y_{xy}(26.6390, 0.3786, 0.3542)$

Have a look what the booklet for
Yxy(26.6390, 0.3786, 0.3542)
contains.

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Color

Yxy(26.5341, 0.3784, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	AC8474
RGB	172, 132, 116
RGB Percent	67%, 52%, 45%
CMY	0.3254, 0.4824, 0.5450
CMYK	0.00, 0.23, 0.33, 0.33
HSL	17°, 25%, 56%
HSV	17°, 33%, 67%
XYZ	28.4192, 26.5341, 20.1503
YIQ	142.1360, 28.9760, 3.5040

Conversions

Conversions Part 2

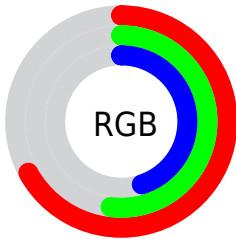
Format	Color
R_{YB}	172, 138, 116
Decimal	11306100
CIE _{Lab}	58.54, 13.05, 14.54
CIE _{LCh}	59, 19.540, 48.103
Yxy	26.5341, 0.3784, 0.3533
Android (android.graphics.Color)	4289496180 (0xFFAC8474)
YUV	142.1360, -12.8850, 26.1907
Hunter-Lab	51.5113, 8.3353, 12.8647

Details

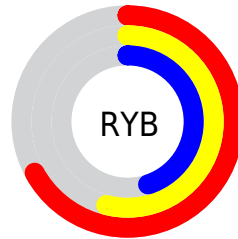
The Yxy color **26.5341, 0.3784, 0.3533** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.4782, 0.2640, 0.3031**, and the grayscale version is **27.1514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0191, 0.3641, 0.3487**, and **10.3035, 0.4020, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **23.0320, 0.4065, 0.3610**, and if you desaturate by 10%, it is **30.5056, 0.3543, 0.3455**.

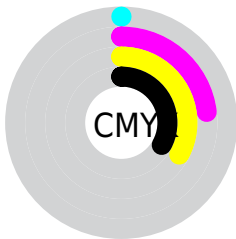
Distribution



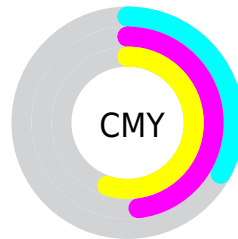
- Red (67%)
- Green (52%)
- Blue (45%)



- Red (67%)
- Yellow (54%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (33%)





- Cyan (33%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5341, 0.3784, 0.3533 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 26.5341, 0.3784, 0.3533 by changing the saturation by 10% instead.


 26.5341, 0.3784,
0.3533


 26.5341, 0.3784,
0.3533


285.3942, 0.3422,
0.3409


 17.2236, 0.3887,
0.3564


 54.1353, 0.3644,
0.3488

 10.3941, 0.4027,
0.3603


 73.1949, 0.3594,
0.3471

 5.6610, 0.4229,
0.3653

 96.2729, 0.3552,
0.3456

 2.6401, 0.4541,
0.3713

123.7538, 0.3518,
0.3444

 0.9468, 0.5708,
0.4236

156.0220, 0.3488,
0.3433

 0.0000, 1.0000,
0.0000

193.4619, 0.3463,

 0.0000, 0.0000,

0.3424

0.0000

236.4578, 0.3441,
0.3416

■ 26.5341, 0.3784,
0.3533

■ 26.5341, 0.3784,
0.3533

■ 23.0320, 0.4065,
0.3610

■ 30.5056, 0.3543,
0.3455

■ 19.9778, 0.4387,
0.3679

■ 34.9594, 0.3339,
0.3379

■ 17.3540, 0.4742,
0.3731


■ 39.9126, 0.3167,
0.3308


■ 15.1403, 0.5115,
0.3757


■ 45.3804, 0.3022,
0.3241

■ 13.3146, 0.5476,
0.3744

■ 51.3771, 0.2900,
0.3180


 11.8523, 0.5790,
0.3687

 57.9167, 0.2797,
0.3124

 10.9773, 0.5988,
0.3628

 65.0126, 0.2709,
0.3074

 72.6775, 0.2634,
0.3028

 79.8626, 0.2645,
0.3152

Harmonies

Analogous

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



26.5341, 0.3668, 0.3261



26.5341, 0.3784, 0.3533



26.5341, 0.3712, 0.3762

Triad

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



26.5341, 0.3784, 0.3533



26.5341, 0.2844, 0.3597



26.5341, 0.2764, 0.2749

Complementary

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



26.5341, 0.3784, 0.3533



30.4782, 0.2640, 0.3031

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.



26.5341, 0.2566, 0.2804



26.5341, 0.3784, 0.3533



26.5341, 0.2610, 0.3283

Square

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



26.5341, 0.3784, 0.3533



26.5341, 0.3161, 0.3821



26.5341, 0.2512, 0.2993



26.5341, 0.3066, 0.2824

Rectangle

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



26.5341, 0.3784, 0.3533



26.5341, 0.3571, 0.3856



26.5341, 0.2512, 0.2993



26.5341, 0.2684, 0.2752

Sweetspot

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



26.5353, 0.3784, 0.3533



65.4641, 0.3295, 0.3362



23.6708, 0.3346, 0.2706



13.9708, 0.3320, 0.3372



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5353, 0.3784, 0.3533



43.5081, 0.3981, 0.3588



35.1325, 0.3658, 0.3928



8.3739, 0.3279, 0.3355



8.2509, 0.5969, 0.3642



0.3238, 0.5377, 0.4113

Inverse Universe

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



30.4782, 0.2640, 0.3031



51.7509, 0.2540, 0.2965



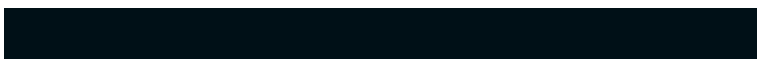
22.1692, 0.2583, 0.2557



8.6798, 0.2986, 0.3224



12.8366, 0.1986, 0.2349



0.4442, 0.2074, 0.2667

Previews

White Background



This preview shows how the Yxy color 26.5341, 0.3784, 0.3533 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 26.5341, 0.3784, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

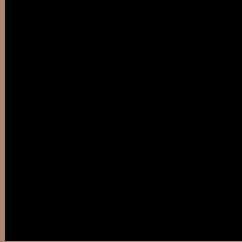
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5341, 0.3784, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 26.5341, 0.3784, 0.3533.



This preview shows how white text looks on a background with the Yxy color 26.5341, 0.3784, 0.3533.

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

26.5341, 0.3784, 0.3533

Protanopia

26.7017, 0.3422, 0.3636

Deuteranopia

26.7386, 0.3682, 0.3619



Tritanopia

26.5633, 0.3546, 0.3143

Trichromacy



Original Color

26.5341, 0.3784, 0.3533

Protanomaly

26.6770, 0.3547, 0.3595

Deuteranomaly

26.7812, 0.3722, 0.3599

Tritanomaly

26.4882, 0.3626, 0.3277

Monochromacy



Original Color

26.5341, 0.3784, 0.3533

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.6427, 0.3348, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5341, 0.3784, 0.3533 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(172, 132, 116)` looks like.

```
.text, #text, p{  
    color:rgb(172, 132, 116)  
}
```

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(172, 132, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 132, 116) }
```

Border

The CSS property to change the border of an element to Yxy 26.5341, 0.3784, 0.3533 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(172, 132, 116) }
```

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

```
.border{ border-color:rgb(172, 132, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 132, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 132, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 132, 116);  
box-shadow:4px 4px 4px 4px rgb(172, 132,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5341, 0.3784, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 132, 116) }
```

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

```
.background{ background-color: rgb(172,  
132, 116) }
```

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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