

Converting Colors

$Y_{xy}(29.7758, 0.3859, 0.3811)$

Have a look what the booklet for
Yxy(29.7758, 0.3859, 0.3811)
contains.

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Color

Yxy(29.8204, 0.3863, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	AF8F6B
RGB	175, 143, 107
RGB Percent	69%, 56%, 42%
CMY	0.3139, 0.4391, 0.5804
CMYK	0.00, 0.18, 0.39, 0.31
HSL	32°, 30%, 55%
HSV	32°, 39%, 69%
XYZ	30.1482, 29.8204, 18.0749
YIQ	148.4640, 30.6280, -4.4120

Conversions

Conversions Part 2

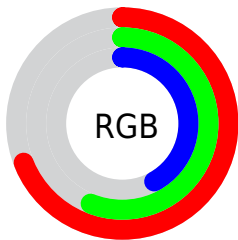
Format	Color
R_{YB}	167, 175, 107
Decimal	11505515
CIE _{Lab}	61.50, 6.94, 23.70
CIE _{LCh}	61, 24.698, 73.668
Yxy	29.8204, 0.3863, 0.3821
Android (android.graphics.Color)	4289695595 (0xFFAF8F6B)
YUV	148.4640, -20.4418, 23.2721
Hunter-Lab	54.6081, 2.9827, 18.6011

Details

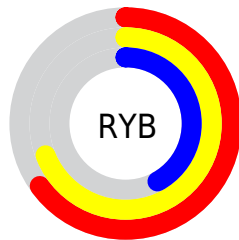
The Yxy color $29.8204, 0.3863, 0.3821$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $24.6642, 0.2508, 0.2688$, and the grayscale version is $29.8950, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5915, 0.3713, 0.3718$, and $12.2094, 0.4110, 0.3986$ is the 20% darker color. If you saturate the color by 10%, you get $27.1109, 0.4103, 0.3955$, and if you desaturate by 10%, it is $32.7882, 0.3642, 0.3681$.

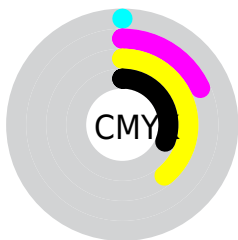
Distribution



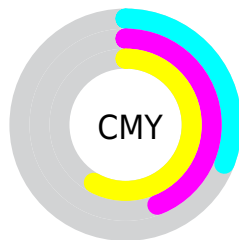
- Red (69%)
- Green (56%)
- Blue (42%)



- Red (65%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8204, 0.3863, 0.3821 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 29.8204, 0.3863, 0.3821 by changing the saturation by 10% instead.

 29.8204, 0.3863,
0.3821

 29.8204, 0.3863,
0.3821


301.0664, 0.3468,
0.3546


 19.7023, 0.3969,
0.3891


 59.3780, 0.3713,
0.3719


 12.1788, 0.4110,
0.3980


 79.5864, 0.3659,
0.3682

 6.8656, 0.4303,
0.4096


 103.9269, 0.3614,
0.3650

 3.3782, 0.4579,
0.4246

 132.7840, 0.3576,
0.3623

 1.3322, 0.5300,
0.4700

166.5421, 0.3543,
0.3600

 0.1659, 0.6635,
0.3365

205.5857, 0.3515,

 0.0000, 0.0000,

0.3579

0.0000

250.2989, 0.3490,
0.3561

■ 29.8204, 0.3863,
0.3821

■ 29.8204, 0.3863,
0.3821

■ 27.1109, 0.4103,
0.3955

■ 32.7882, 0.3642,
0.3681

■ 24.6471, 0.4358,
0.4073

■ 36.0178, 0.3443,
0.3540

■ 22.4213, 0.4617,
0.4163

■ 39.5183, 0.3266,
0.3404


■ 20.4239, 0.4868,
0.4214

■ 43.2967, 0.3110,
0.3276


■ 18.6438, 0.5095,
0.4215

■ 47.3597, 0.2973,
0.3155


 17.0644, 0.5291,
0.4169

 51.7140, 0.2853,
0.3044

 16.8929, 0.5314,
0.4163

 56.3658, 0.2749,
0.2942

 61.3212, 0.2657,
0.2848

 65.9620, 0.2625,
0.2860

Harmonies

Analogous

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



29.8204, 0.3921, 0.3528



29.8204, 0.3863, 0.3821



29.8204, 0.3602, 0.3996

Triad

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



29.8204, 0.3863, 0.3821



29.8204, 0.2535, 0.3336



29.8204, 0.2991, 0.2710

Complementary

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



29.8204, 0.3863, 0.3821



24.6642, 0.2508, 0.2688

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.



29.8204, 0.2643, 0.2640



29.8204, 0.3863, 0.3821



29.8204, 0.2394, 0.2970

Square

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



29.8204, 0.3863, 0.3821



29.8204, 0.2833, 0.3718



29.8204, 0.2432, 0.2725



29.8204, 0.3399, 0.2911

Rectangle

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



29.8204, 0.3863, 0.3821



29.8204, 0.3356, 0.4003



29.8204, 0.2432, 0.2725



29.8204, 0.2863, 0.2670

Sweetspot

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



29.8218, 0.3863, 0.3821



68.6500, 0.3323, 0.3449



21.5121, 0.3609, 0.2808



15.0801, 0.3345, 0.3466



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.8218, 0.3863, 0.3821



49.0615, 0.4078, 0.3942



40.6836, 0.3688, 0.4239



8.6917, 0.3274, 0.3410



12.2279, 0.5297, 0.4176



0.4485, 0.4880, 0.4507

Inverse Universe

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



24.6642, 0.2508, 0.2688



38.4589, 0.2364, 0.2518



16.8038, 0.2437, 0.2133



8.3545, 0.2986, 0.3167



6.6846, 0.1752, 0.1506



0.2961, 0.1913, 0.2088

Previews

White Background



This preview shows how the Yxy color 29.8204, 0.3863, 0.3821 looks on a white background.

Color Contrast Check

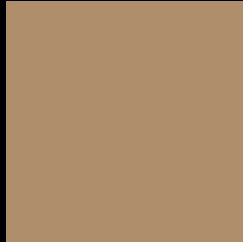
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8204, 0.3863, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

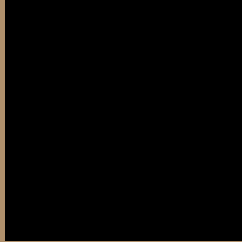
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8204, 0.3863, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 29.8204, 0.3863, 0.3821.



This preview shows how white text looks on a background with the Yxy color 29.8204, 0.3863, 0.3821.

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

29.8204, 0.3863, 0.3821

Protanopia

30.0726, 0.3643, 0.3912

Deuteranopia

29.6376, 0.3880, 0.3804



Tritanopia

29.8988, 0.3477, 0.3148

Trichromacy



Original Color

29.8204, 0.3863, 0.3821

Protanomaly

29.9495, 0.3719, 0.3886

Deuteranomaly

29.6376, 0.3880, 0.3804

Tritanomaly

29.9146, 0.3626, 0.3393

Monochromacy



Original Color

29.8204, 0.3863, 0.3821

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.5203, 0.3386, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8204, 0.3863, 0.3821 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(175, 143, 107)` looks like.

```
.text, #text, p{  
    color:rgb(175, 143, 107)  
}
```

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(175, 143, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 143, 107) }
```

Border

The CSS property to change the border of an element to Yxy 29.8204, 0.3863, 0.3821 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(175, 143, 107) }
```

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

```
.border{ border-color:rgb(175, 143, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 143, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 143, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 143, 107);  
box-shadow:4px 4px 4px 4px rgb(175, 143,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8204, 0.3863, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 143, 107) }
```

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

```
.background{ background-color: rgb(175,  
143, 107) }
```

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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