

Converting Colors

$Y_{xy}(27.3830, 0.3760, 0.3668)$

Have a look what the booklet for
Yxy(27.3830, 0.3760, 0.3668)
contains.

Yxy(27.3860, 0.3759, 0.3674)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.3860, 0.3759, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	A88970
RGB	168, 137, 112
RGB Percent	66%, 54%, 44%
CMY	0.3411, 0.4627, 0.5608
CMYK	0.00, 0.18, 0.33, 0.34
HSL	27°, 24%, 55%
HSV	27°, 33%, 66%
XYZ	28.0196, 27.3860, 19.1344
YIQ	143.4190, 26.5010, -1.2030

Conversions

Conversions Part 2

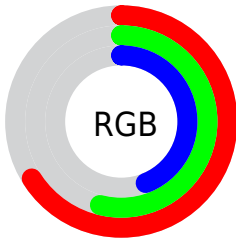
Format	Color
R_{YB}	168, 157, 112
Decimal	11045232
CIE _{Lab}	59.33, 8.07, 17.85
CIE _{LCh}	59, 19.594, 65.671
Yxy	27.3860, 0.3759, 0.3674
Android (android.graphics.Color)	4289235312 (0xFFA88970)
YUV	143.4190, -15.4896, 21.5575
Hunter-Lab	52.3316, 3.9927, 14.9535

Details

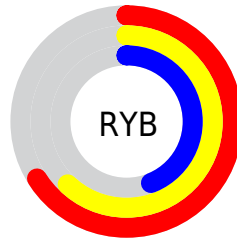
The Yxy color $27.3860, 0.3759, 0.3674$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $25.9148, 0.2610, 0.2870$, and the grayscale version is $27.7003, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3545, 0.3625, 0.3593$, and $10.8314, 0.3991, 0.3790$ is the 20% darker color. If you saturate the color by 10%, you get $24.5164, 0.4006, 0.3792$, and if you desaturate by 10%, it is $30.5559, 0.3539, 0.3554$.

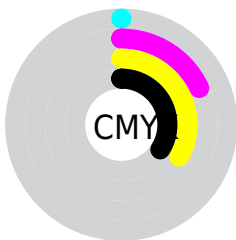
Distribution



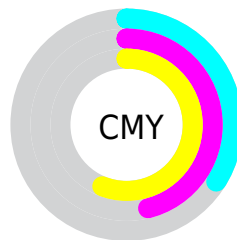
- Red (66%)
- Green (54%)
- Blue (44%)



- Red (66%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (34%)





- Cyan (34%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3860, 0.3759, 0.3674 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 27.3860, 0.3759, 0.3674 by changing the saturation by 10% instead.


 27.3860, 0.3759,
0.3674


 27.3860, 0.3759,
0.3674


289.5212, 0.3414,
0.3472


 17.8633, 0.3856,
0.3727


 55.5027, 0.3626,
0.3599


 10.8519, 0.3986,
0.3795


 74.8654, 0.3578,
0.3571

 5.9673, 0.4171,
0.3886

 98.2770, 0.3539,
0.3548

 2.8252, 0.4449,
0.4009

 126.1219, 0.3506,
0.3528

 1.0412, 0.5407,
0.4593

158.7843, 0.3478,
0.3511

 0.0000, 1.0000,
0.0000

196.6487, 0.3454,

 0.0000, 0.0000,

0.3497

0.0000

240.0996, 0.3432,
0.3484

■ 27.3860, 0.3759,
0.3674

■ 27.3860, 0.3759,
0.3674

■ 24.5164, 0.4006,
0.3792

■ 30.5559, 0.3539,
0.3554

■ 21.9336, 0.4279,
0.3900

■ 34.0314, 0.3346,
0.3437

■ 19.6287, 0.4569,
0.3988


■ 37.8223, 0.3178,
0.3326


■ 17.5907, 0.4865,
0.4045


■ 41.9371, 0.3033,
0.3221

■ 15.8076, 0.5149,
0.4058


■ 46.3836, 0.2907,
0.3125

 14.2661, 0.5400,
0.4018

 51.1695, 0.2798,
0.3036

 13.3605, 0.5552,
0.3974

 56.3022, 0.2704,
0.2955

 61.7889, 0.2622,
0.2881

 67.0973, 0.2591,
0.2899

Harmonies

Analogous

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



27.3860, 0.3753, 0.3421



27.3860, 0.3759, 0.3674



27.3860, 0.3588, 0.3843

Triad

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



27.3860, 0.3759, 0.3674



27.3860, 0.2696, 0.3416



27.3860, 0.2933, 0.2782

Complementary

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



27.3860, 0.3759, 0.3674



25.9148, 0.2610, 0.2870

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.



27.3860, 0.2670, 0.2759



27.3860, 0.3759, 0.3674



27.3860, 0.2539, 0.3106

Square

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



27.3860, 0.3759, 0.3674



27.3860, 0.2971, 0.3703



27.3860, 0.2530, 0.2870



27.3860, 0.3263, 0.2923

Rectangle

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



27.3860, 0.3759, 0.3674



27.3860, 0.3402, 0.3876



27.3860, 0.2530, 0.2870



27.3860, 0.2835, 0.2760

Sweetspot

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



27.3873, 0.3759, 0.3674



63.8590, 0.3290, 0.3401



21.9169, 0.3458, 0.2811



13.7213, 0.3314, 0.3416



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



27.3873, 0.3759, 0.3674



45.7918, 0.3939, 0.3762



36.1447, 0.3635, 0.4055



8.0731, 0.3275, 0.3391



10.1876, 0.5535, 0.3987



0.3507, 0.4988, 0.4422

Inverse Universe

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



25.9148, 0.2610, 0.2870



42.6979, 0.2496, 0.2759



18.6982, 0.2551, 0.2389



7.9631, 0.2987, 0.3187



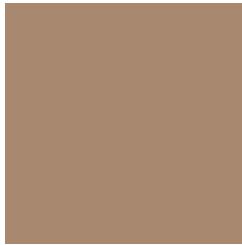
8.1486, 0.1830, 0.1787



0.2980, 0.1982, 0.2336

Previews

White Background



This preview shows how the Yxy color 27.3860, 0.3759, 0.3674 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 27.3860, 0.3759, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

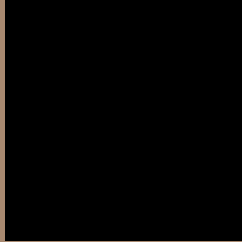
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3860, 0.3759, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 27.3860, 0.3759, 0.3674.



This preview shows how white text looks on a background with the Yxy color 27.3860, 0.3759, 0.3674.

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

27.3860, 0.3759, 0.3674

Protanopia

27.5581, 0.3514, 0.3744

Deuteranopia

27.2767, 0.3747, 0.3676



Tritanopia

27.4162, 0.3455, 0.3142

Trichromacy



Original Color

27.3860, 0.3759, 0.3674

Protanomaly

27.5338, 0.3602, 0.3720

Deuteranomaly

27.2767, 0.3747, 0.3676

Tritanomaly

27.2622, 0.3566, 0.3321

Monochromacy



Original Color

27.3860, 0.3759, 0.3674

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.3911, 0.3341, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3860, 0.3759, 0.3674 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(168, 137, 112)` looks like.

```
.text, #text, p{  
    color:rgb(168, 137, 112)  
}
```

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(168, 137, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 137, 112) }
```

Border

The CSS property to change the border of an element to Yxy 27.3860, 0.3759, 0.3674 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(168, 137, 112) }
```

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

```
.border{ border-color:rgb(168, 137, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 137, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 137, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 137, 112);  
box-shadow:4px 4px 4px 4px rgb(168, 137,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3860, 0.3759, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 137, 112) }
```

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

```
.background{ background-color: rgb(168,  
137, 112) }
```

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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