

Converting Colors

$Y_{xy}(27.9324, 0.3653, 0.3492)$

Have a look what the booklet for
Yxy(27.9324, 0.3653, 0.3492)
contains.

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Color

Yxy(27.8926, 0.3647, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	AA897C
RGB	170, 137, 124
RGB Percent	67%, 54%, 49%
CMY	0.3332, 0.4628, 0.5138
CMYK	0.00, 0.19, 0.27, 0.33
HSL	17°, 21%, 58%
HSV	17°, 27%, 67%
XYZ	29.1641, 27.8926, 22.9106
YIQ	145.3850, 23.8410, 2.9530

Conversions

Conversions Part 2

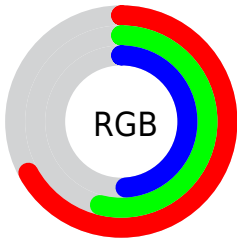
Format	Color
R _Y B	170, 142, 124
Decimal	11176316
CIE Lab	59.79, 10.55, 11.72
CIE LCh	60, 15.770, 47.996
Yxy	27.8926, 0.3647, 0.3488
Android (android.graphics.Color)	4289366396 (0xFFAA897C)
YUV	145.3850, -10.5428, 21.5874
Hunter-Lab	52.8134, 6.1458, 11.2492

Details

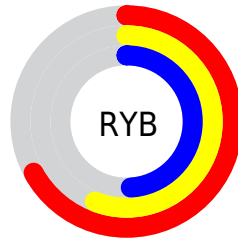
The Yxy color $27.8926, 0.3647, 0.3488$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.3050, 0.2720, 0.3082$, and the grayscale version is $28.5176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1700, 0.3535, 0.3440$, and $11.1063, 0.3840, 0.3550$ is the 20% darker color. If you saturate the color by 10%, you get $24.2264, 0.3906, 0.3565$, and if you desaturate by 10%, it is $32.0276, 0.3427, 0.3412$.

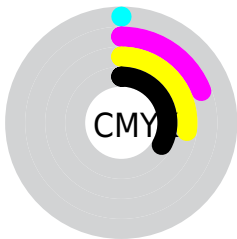
Distribution



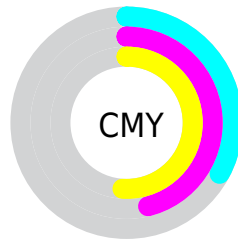
- Red (67%)
- Green (54%)
- Blue (49%)



- Red (67%)
- Yellow (56%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (33%)





- Cyan (33%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.8926, 0.3647, 0.3488 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 27.8926, 0.3647, 0.3488 by changing the saturation by 10% instead.

 27.8926, 0.3647,
0.3488


 27.8926, 0.3647,
0.3488


291.9534, 0.3363,
0.3386


 18.2447, 0.3727,
0.3514


 56.3129, 0.3537,
0.3450

 11.1258, 0.3836,
0.3548


 75.8542, 0.3498,
0.3436

 6.1515, 0.3992,
0.3592

 99.4620, 0.3466,
0.3424

 2.9374, 0.4234,
0.3652

127.5207, 0.3439,
0.3414

 1.0992, 0.4843,
0.3882

160.4149, 0.3415,
0.3406

 0.0000, 1.0000,
0.0000

198.5287, 0.3395,

 0.0000, 0.0000,

0.3398

0.0000

242.2468, 0.3378,
0.3392

■ 27.8926, 0.3647,
0.3488

■ 27.8926, 0.3647,
0.3488

■ 24.2264, 0.3906,
0.3565

■ 32.0276, 0.3427,
0.3412

■ 21.0082, 0.4206,
0.3638

■ 36.6435, 0.3241,
0.3339

■ 18.2217, 0.4545,
0.3701


■ 41.7566, 0.3084,
0.3271


■ 15.8476, 0.4912,
0.3742

■ 47.3815, 0.2953,
0.3208

■ 13.8653, 0.5285,
0.3751


■ 53.5319, 0.2841,
0.3150

 12.2523, 0.5630,
0.3719

 60.2213, 0.2747,
0.3098

 10.9814, 0.5916,
0.3645

 67.4625, 0.2667,
0.3050

 10.6666, 0.5993,
0.3624

 74.9412, 0.2623,
0.3061

 82.1498, 0.2640,
0.3198

Harmonies

Analogous

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



27.8926, 0.3555, 0.3269



27.8926, 0.3647, 0.3488



27.8926, 0.3592, 0.3668

Triad

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



27.8926, 0.3647, 0.3488



27.8926, 0.2904, 0.3532



27.8926, 0.2837, 0.2855

Complementary

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



27.8926, 0.3647, 0.3488



31.3050, 0.2720, 0.3082

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.



27.8926, 0.2678, 0.2904



27.8926, 0.3647, 0.3488



27.8926, 0.2715, 0.3289

Square

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



27.8926, 0.3647, 0.3488



27.8926, 0.3158, 0.3707



27.8926, 0.2634, 0.3058



27.8926, 0.3079, 0.2915

Rectangle

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



27.8926, 0.3647, 0.3488



27.8926, 0.3482, 0.3739



27.8926, 0.2634, 0.3058



27.8926, 0.2773, 0.2859

Sweetspot

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



27.8939, 0.3647, 0.3488



65.5293, 0.3259, 0.3346



25.4203, 0.3293, 0.2796



14.3281, 0.3285, 0.3357



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.



27.8939, 0.3647, 0.3488



46.8319, 0.3785, 0.3531



34.8963, 0.3565, 0.3808



7.8748, 0.3279, 0.3354



7.9283, 0.5974, 0.3639



0.2781, 0.5345, 0.4138

Inverse Universe

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



31.3050, 0.2720, 0.3082



53.9725, 0.2641, 0.3034



24.4394, 0.2685, 0.2712



8.1683, 0.2987, 0.3225



12.4638, 0.1989, 0.2361



0.3834, 0.2084, 0.2704

Previews

White Background



This preview shows how the Yxy color 27.8926, 0.3647, 0.3488 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 27.8926, 0.3647, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

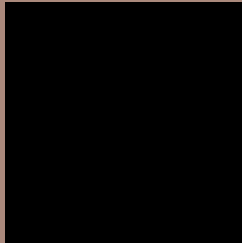
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8926, 0.3647, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 27.8926, 0.3647, 0.3488.



This preview shows how white text looks on a background with the Yxy color 27.8926, 0.3647, 0.3488.

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

27.8926, 0.3647, 0.3488

Protanopia

28.0581, 0.3375, 0.3564

Deuteranopia

28.0275, 0.3593, 0.3521



Tritanopia

27.8345, 0.3452, 0.3143

Trichromacy



Original Color

27.8926, 0.3647, 0.3488

Protanomaly

27.8252, 0.3472, 0.3527

Deuteranomaly

27.8477, 0.3608, 0.3505

Tritanomaly

27.7920, 0.3517, 0.3261

Monochromacy



Original Color

27.8926, 0.3647, 0.3488

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.0222, 0.3309, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8926, 0.3647, 0.3488 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(170, 137, 124)` looks like.

```
.text, #text, p{  
    color:rgb(170, 137, 124)  
}
```

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(170, 137, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 137, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.8926, 0.3647, 0.3488 is called "border". The border property can be set on classes, ids or directly on the HTML element.

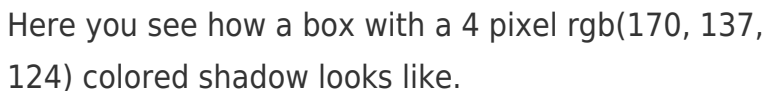
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 137, 124) }
```

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

```
.border{ border-color:rgb(170, 137, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 137, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 137, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 137, 124);  
box-shadow:4px 4px 4px 4px rgb(170, 137,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8926, 0.3647, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 137, 124) }
```

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

```
.background{ background-color: rgb(170,  
137, 124) }
```

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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