

Converting Colors

$Y_{xy}(28.8837, 0.3627, 0.3481)$

Have a look what the booklet for
Yxy(28.8837, 0.3627, 0.3481)
contains.

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Color

Yxy(28.7682, 0.3628, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	AC8B7F
RGB	172, 139, 127
RGB Percent	67%, 55%, 50%
CMY	0.3257, 0.4548, 0.5020
CMYK	0.00, 0.19, 0.26, 0.33
HSL	16°, 21%, 59%
HSV	16°, 26%, 67%
XYZ	30.0694, 28.7682, 24.0439
YIQ	147.4990, 23.5200, 3.2640

Conversions

Conversions Part 2

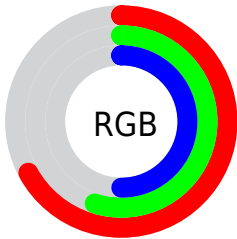
Format	Color
R_{YB}	172, 143, 127
Decimal	11307903
CIE _{Lab}	60.58, 10.62, 11.14
CIE _{LCh}	61, 15.395, 46.363
Yxy	28.7682, 0.3628, 0.3471
Android (android.graphics.Color)	4289497983 (0xFFAC8B7F)
YUV	147.4990, -10.1060, 21.4874
Hunter-Lab	53.6360, 6.2078, 10.9667

Details

The Yxy color $28.7682, 0.3628, 0.3471$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $32.6060, 0.2735, 0.3101$, and the grayscale version is $29.4297, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9292, 0.3520, 0.3439$, and $11.6168, 0.3809, 0.3524$ is the 20% darker color. If you saturate the color by 10%, you get $24.9181, 0.3886, 0.3544$, and if you desaturate by 10%, it is $33.1178, 0.3409, 0.3399$.

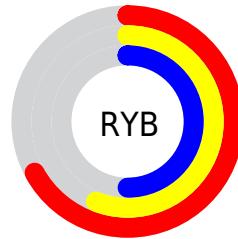
Distribution



Red (67%)

Green (55%)

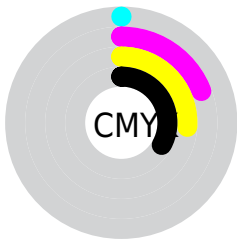
Blue (50%)



Red (67%)

Yellow (56%)

Blue (50%)

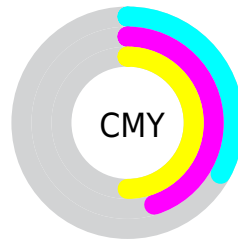


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (33%)



Cyan (33%)

Magenta (45%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7682, 0.3628, 0.3471 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 28.7682, 0.3628, 0.3471 by changing the saturation by 10% instead.


 28.7682, 0.3628,
0.3471


 28.7682, 0.3628,
0.3471


296.1197, 0.3355,
0.3378


 18.9055, 0.3704,
0.3495


 57.7086, 0.3523,
0.3437

 11.6020, 0.3808,
0.3525


 77.5551, 0.3486,
0.3424

 6.4733, 0.3955,
0.3565


 101.4984, 0.3454,
0.3413

 3.1350, 0.4183,
0.3619

129.9228, 0.3428,
0.3404

 1.2026, 0.4675,
0.3770

163.2127, 0.3406,
0.3396

 0.0638, 0.8337,
0.1663

201.7526, 0.3387,


 0.0000, 0.0000,


0.3389


0.0000

245.9268, 0.3370,
0.3383


 28.7682, 0.3628,
0.3471


 28.7682, 0.3628,
0.3471

 24.9181, 0.3886,
0.3544


 33.1178, 0.3409,
0.3399


 21.5454, 0.4187,
0.3614


 37.9801, 0.3225,
0.3330


 18.6323, 0.4528,
0.3674

 43.3727, 0.3071,
0.3266

 16.1581, 0.4900,
0.3715

 49.3112, 0.2941,
0.3207

 14.1008, 0.5281,
0.3724

 55.8104, 0.2832,
0.3153

■ 12.4357, 0.5636,
0.3695

■ 62.8847, 0.2740,
0.3104

■ 11.1350, 0.5928,
0.3623

■ 70.5479, 0.2661,
0.3059

■ 10.7199, 0.6029,
0.3595

■ 78.1822, 0.2640,
0.3120

■ 85.8491, 0.2658,
0.3260

Harmonies

Analogous

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



28.7682, 0.3532, 0.3259



28.7682, 0.3628, 0.3471



28.7682, 0.3583, 0.3648

Triad

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



28.7682, 0.3628, 0.3471



28.7682, 0.2924, 0.3535



28.7682, 0.2836, 0.2869

Complementary

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



28.7682, 0.3628, 0.3471



32.6060, 0.2735, 0.3101

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.



28.7682, 0.2687, 0.2922



28.7682, 0.3628, 0.3471



28.7682, 0.2736, 0.3302

Square

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



28.7682, 0.3628, 0.3471



28.7682, 0.3171, 0.3698



28.7682, 0.2651, 0.3077



28.7682, 0.3067, 0.2921

Rectangle

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



28.7682, 0.3628, 0.3471



28.7682, 0.3481, 0.3720



28.7682, 0.2651, 0.3077



28.7682, 0.2775, 0.2875

Sweetspot

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



28.7695, 0.3628, 0.3471



67.1022, 0.3259, 0.3343



26.4799, 0.3286, 0.2813



14.2939, 0.3285, 0.3353



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.



28.7695, 0.3628, 0.3471



48.3301, 0.3763, 0.3511



35.9513, 0.3549, 0.3790



8.3509, 0.3280, 0.3351



8.0610, 0.6011, 0.3609



0.3148, 0.5423, 0.4076

Inverse Universe

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



32.6060, 0.2735, 0.3101



56.3983, 0.2656, 0.3056



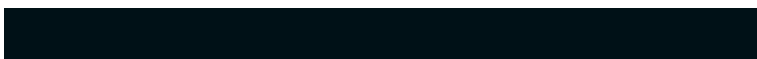
25.5180, 0.2701, 0.2734



8.7041, 0.2986, 0.3228



13.4127, 0.2004, 0.2412



0.4567, 0.2086, 0.2709

Previews

White Background



This preview shows how the Yxy color 28.7682, 0.3628, 0.3471 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 28.7682, 0.3628, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

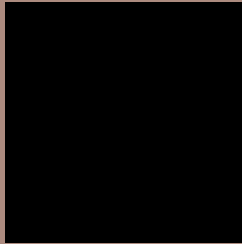
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7682, 0.3628, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 28.7682, 0.3628, 0.3471.



This preview shows how white text looks on a background with the Yxy color 28.7682, 0.3628, 0.3471.

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

28.7682, 0.3628, 0.3471

Protanopia

28.9418, 0.3361, 0.3545

Deuteranopia

28.7975, 0.3564, 0.3504



Tritanopia

28.7136, 0.3437, 0.3130

Trichromacy



Original Color

28.7682, 0.3628, 0.3471

Protanomaly

28.7035, 0.3457, 0.3509

Deuteranomaly

28.7235, 0.3591, 0.3488

Tritanomaly

28.6690, 0.3501, 0.3247

Monochromacy



Original Color

28.7682, 0.3628, 0.3471

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.9079, 0.3296, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7682, 0.3628, 0.3471 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, 139, 127)` looks like.

```
.text, #text, p{  
    color:rgb(172, 139, 127)  
}
```

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, 139, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 139, 127) }
```

Border

The CSS property to change the border of an element to Yxy 28.7682, 0.3628, 0.3471 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, 139, 127) }
```

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

```
.border{ border-color:rgb(172, 139, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 139, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 139, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 139, 127);  
box-shadow:4px 4px 4px 4px rgb(172, 139,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7682, 0.3628, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 139, 127) }
```

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

```
.background{ background-color: rgb(172,  
139, 127) }
```

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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