

Converting Colors

$Y_{xy}(28.5419, 0.3666, 0.3485)$

Have a look what the booklet for
Yxy(28.5419, 0.3666, 0.3485)
contains.

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Color

Yxy(28.5419, 0.3666, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	AD8A7D
RGB	173, 138, 125
RGB Percent	68%, 54%, 49%
CMY	0.3216, 0.4588, 0.5097
CMYK	0.00, 0.20, 0.28, 0.32
HSL	16°, 23%, 58%
HSV	16°, 28%, 68%
XYZ	30.0243, 28.5419, 23.3331
YIQ	146.9830, 25.0330, 3.3770

Conversions

Conversions Part 2

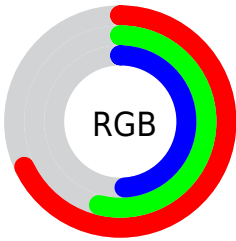
Format	Color
R_{YB}	173, 143, 125
Decimal	11373181
CIE Lab	60.38, 11.32, 12.00
CIE LCh	60, 16.496, 46.663
Yxy	28.5419, 0.3666, 0.3485
Android (android.graphics.Color)	4289563261 (0xFFAD8A7D)
YUV	146.9830, -10.8376, 22.8169
Hunter-Lab	53.4246, 6.8227, 11.5024

Details

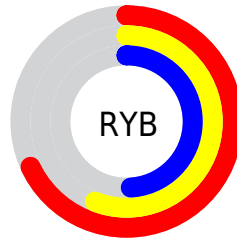
The Yxy color $28.5419, 0.3666, 0.3485$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $32.5232, 0.2711, 0.3086$, and the grayscale version is $29.2091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1340, 0.3550, 0.3439$, and $11.4943, 0.3867, 0.3544$ is the 20% darker color. If you saturate the color by 10%, you get $24.7262, 0.3931, 0.3559$, and if you desaturate by 10%, it is $32.8579, 0.3441, 0.3412$.

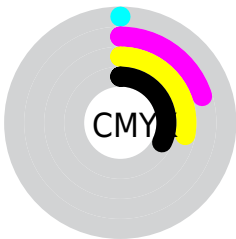
Distribution



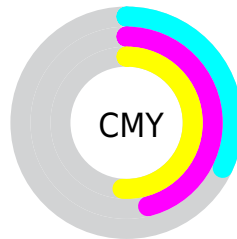
- Red (68%)
- Green (54%)
- Blue (49%)



- Red (68%)
- Yellow (56%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (32%)





- Cyan (32%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5419, 0.3666, 0.3485 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 28.5419, 0.3666, 0.3485 by changing the saturation by 10% instead.


 28.5419, 0.3666,
0.3485


 28.5419, 0.3666,
0.3485


295.0473, 0.3372,
0.3385

 18.7346, 0.3748,
0.3510


 57.3485, 0.3553,
0.3448

 11.4786, 0.3860,
0.3542


 77.1165, 0.3512,
0.3435

 6.3897, 0.4019,
0.3584


 100.9735, 0.3479,
0.3423

 3.0835, 0.4264,
0.3640

129.3039, 0.3451,
0.3413

 1.1755, 0.4834,
0.3826

162.4920, 0.3427,
0.3405

 0.0415, 0.8838,
0.1162

200.9224, 0.3406,

 0.0000, 0.0000,

0.3397

0.0000

244.9794, 0.3388,
0.3391

■ 28.5419, 0.3666,
0.3485

■ 28.5419, 0.3666,
0.3485

■ 24.7262, 0.3931,
0.3559

■ 32.8579, 0.3441,
0.3412

■ 21.3884, 0.4237,
0.3629

■ 37.6875, 0.3252,
0.3341

■ 18.5105, 0.4584,
0.3687

■ 43.0486, 0.3094,
0.3276

■ 16.0714, 0.4957,
0.3724

■ 48.9569, 0.2960,
0.3215

■ 14.0487, 0.5335,
0.3728

■ 55.4275, 0.2848,
0.3160

■ 12.4173, 0.5681,
0.3692

■ 62.4748, 0.2753,
0.3109

■ 11.1472, 0.5963,
0.3616

■ 70.1129, 0.2673,
0.3063

■ 10.9037, 0.6023,
0.3600

■ 77.8013, 0.2645,
0.3111

■ 85.4461, 0.2662,
0.3251

Harmonies

Analogous

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



28.5419, 0.3564, 0.3258



28.5419, 0.3666, 0.3485



28.5419, 0.3616, 0.3675

Triad

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



28.5419, 0.3666, 0.3485



28.5419, 0.2906, 0.3552



28.5419, 0.2817, 0.2839

Complementary

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



28.5419, 0.3666, 0.3485



32.5232, 0.2711, 0.3086

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.



28.5419, 0.2656, 0.2894



28.5419, 0.3666, 0.3485



28.5419, 0.2706, 0.3300

Square

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



28.5419, 0.3666, 0.3485



28.5419, 0.3171, 0.3729



28.5419, 0.2617, 0.3058



28.5419, 0.3065, 0.2896

Rectangle

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



28.5419, 0.3666, 0.3485



28.5419, 0.3505, 0.3753



28.5419, 0.2617, 0.3058



28.5419, 0.2751, 0.2845

Sweetspot

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



28.5432, 0.3666, 0.3485



67.1308, 0.3259, 0.3344



26.1002, 0.3298, 0.2783



14.3012, 0.3285, 0.3354



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.



28.5432, 0.3666, 0.3485



47.0218, 0.3815, 0.3528



36.1364, 0.3577, 0.3822



8.3550, 0.3280, 0.3352



8.0938, 0.6004, 0.3615



0.3164, 0.5414, 0.4083

Inverse Universe

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



32.5232, 0.2711, 0.3086



55.2750, 0.2627, 0.3036



25.0459, 0.2672, 0.2695



8.6998, 0.2986, 0.3227



13.3088, 0.2000, 0.2401



0.4545, 0.2084, 0.2702

Previews

White Background



This preview shows how the Yxy color 28.5419, 0.3666, 0.3485 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 28.5419, 0.3666, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

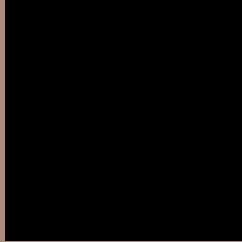
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5419, 0.3666, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 28.5419, 0.3666, 0.3485.



This preview shows how white text looks on a background with the Yxy color 28.5419, 0.3666, 0.3485.

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

28.5419, 0.3666, 0.3485

Protanopia

28.5112, 0.3363, 0.3546

Deuteranopia

28.4523, 0.3590, 0.3520



Tritanopia

28.4862, 0.3473, 0.3145

Trichromacy



Original Color

28.5419, 0.3666, 0.3485

Protanomaly

28.3781, 0.3471, 0.3509

Deuteranomaly

28.3809, 0.3616, 0.3503

Tritanomaly

28.4420, 0.3538, 0.3262

Monochromacy



Original Color

28.5419, 0.3666, 0.3485

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8785, 0.3306, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5419, 0.3666, 0.3485 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(173, 138, 125)` looks like.

```
.text, #text, p{  
    color:rgb(173, 138, 125)  
}
```

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(173, 138, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 138, 125) }
```

Border

The CSS property to change the border of an element to Yxy 28.5419, 0.3666, 0.3485 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(173, 138, 125) }
```

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

```
.border{ border-color:rgb(173, 138, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 138, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 138, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 138, 125);  
box-shadow:4px 4px 4px 4px rgb(173, 138,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5419, 0.3666, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 138, 125) }
```

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

```
.background{ background-color: rgb(173,  
138, 125) }
```

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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