

Converting Colors

$Yxy(26.6511, 0.3684, 0.3408)$

Have a look what the booklet for
Yxy(26.6511, 0.3684, 0.3408)
contains.

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Color

Yxy(26.7284, 0.3690, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	AC847C
RGB	172, 132, 124
RGB Percent	67%, 52%, 49%
CMY	0.3254, 0.4824, 0.5138
CMYK	0.00, 0.23, 0.28, 0.33
HSL	10°, 22%, 58%
HSV	10°, 28%, 67%
XYZ	28.9062, 26.7284, 22.7019
YIQ	143.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

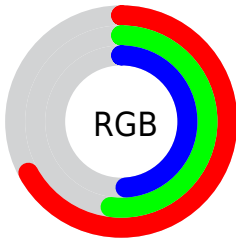
Format	Color
R_{YB}	172, 134, 124
Decimal	11306108
CIE _{Lab}	58.72, 14.17, 10.24
CIE _{LCh}	59, 17.477, 35.854
Yxy	26.7284, 0.3690, 0.3412
Android (android.graphics.Color)	4289496188 (0xFFAC847C)
YUV	143.0480, -9.3907, 25.3909
Hunter-Lab	51.6995, 9.3285, 10.1547

Details

The Yxy color $26.7284, 0.3690, 0.3412$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $33.8233, 0.2716, 0.3164$, and the grayscale version is $27.5197, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3662, 0.3564, 0.3383$, and $10.4645, 0.3912, 0.3441$ is the 20% darker color. If you saturate the color by 10%, you get $22.7071, 0.3975, 0.3458$, and if you desaturate by 10%, it is $31.3625, 0.3453, 0.3366$.

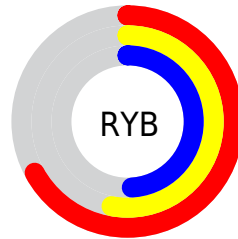
Distribution



Red (67%)

Green (52%)

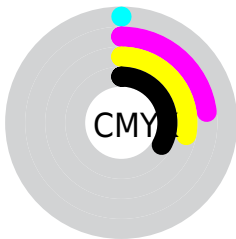
Blue (49%)



Red (67%)

Yellow (53%)

Blue (49%)

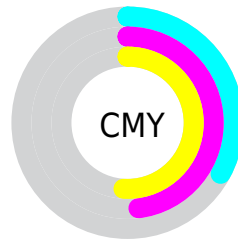


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (33%)



Cyan (33%)


Magenta (48%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7284, 0.3690, 0.3412 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 26.7284, 0.3690, 0.3412 by changing the saturation by 10% instead.


 26.7284, 0.3690,
0.3412


 26.7284, 0.3690,
0.3412


286.3397, 0.3380,
0.3351


 17.3693, 0.3778,
0.3426


 54.4477, 0.3570,
0.3390

 10.4982, 0.3899,
0.3444


 73.5768, 0.3527,
0.3382

 5.7305, 0.4074,
0.3465


 96.7313, 0.3492,
0.3375

 2.6819, 0.4348,
0.3488

124.2957, 0.3462,
0.3369

 0.9680, 0.5065,
0.3664

156.6543, 0.3437,
0.3364

 0.0000, 1.0000,
0.0000

194.1916, 0.3415,

 0.0000, 0.0000,

0.3359

0.0000

237.2919, 0.3396,
0.3355

■ 26.7284, 0.3690,
0.3412

■ 26.7284, 0.3690,
0.3412

■ 22.7071, 0.3975,
0.3458

■ 31.3625, 0.3453,
0.3366

■ 19.2692, 0.4311,
0.3500

■ 36.6298, 0.3257,
0.3323

■ 16.3886, 0.4695,
0.3534

■ 42.5542, 0.3096,
0.3282

■ 14.0356, 0.5112,
0.3551


■ 49.1573, 0.2963,
0.3244


■ 12.1777, 0.5530,
0.3544


■ 56.4599, 0.2853,
0.3211

 10.7787, 0.5899,
0.3508


 64.4817, 0.2761,
0.3180

 9.7949, 0.6176,
0.3448

 73.2416, 0.2684,
0.3152

 9.6354, 0.6226,
0.3438

 82.3247, 0.2650,
0.3198

 87.5134, 0.2662,
0.3289

Harmonies

Analogous

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



26.7284, 0.3525, 0.3167



26.7284, 0.3690, 0.3412



26.7284, 0.3695, 0.3639

Triad

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



26.7284, 0.3690, 0.3412



26.7284, 0.2986, 0.3658



26.7284, 0.2716, 0.2810

Complementary

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



26.7284, 0.3690, 0.3412



33.8233, 0.2716, 0.3164

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.



26.7284, 0.2588, 0.2912



26.7284, 0.3690, 0.3412



26.7284, 0.2738, 0.3402

Square

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



26.7284, 0.3690, 0.3412



26.7284, 0.3280, 0.3802



26.7284, 0.2595, 0.3125



26.7284, 0.2955, 0.2830

Rectangle

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



26.7284, 0.3690, 0.3412



26.7284, 0.3608, 0.3751



26.7284, 0.2595, 0.3125



26.7284, 0.2659, 0.2831

Sweetspot

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



26.7296, 0.3690, 0.3412



66.2058, 0.3261, 0.3323



25.8972, 0.3237, 0.2704



14.0676, 0.3288, 0.3330



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.



26.7296, 0.3690, 0.3412



43.4775, 0.3875, 0.3443



33.7423, 0.3600, 0.3748



8.2230, 0.3282, 0.3328



7.2248, 0.6212, 0.3450



0.2646, 0.5718, 0.3842

Inverse Universe

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



33.8233, 0.2716, 0.3164



58.6413, 0.2626, 0.3130



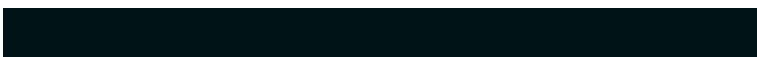
26.2562, 0.2679, 0.2785



8.8415, 0.2986, 0.3251



16.9819, 0.2100, 0.2759



0.5317, 0.2149, 0.2936

Previews

White Background



This preview shows how the Yxy color 26.7284, 0.3690, 0.3412 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 26.7284, 0.3690, 0.3412 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 26.7284, 0.3690, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 26.7284, 0.3690, 0.3412.



This preview shows how white text looks on a background with the Yxy color 26.7284, 0.3690, 0.3412.

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

26.7284, 0.3690, 0.3412

Protanopia

26.8378, 0.3316, 0.3487

Deuteranopia

26.7198, 0.3568, 0.3495



Tritanopia

26.8574, 0.3532, 0.3144

Trichromacy



Original Color

26.7284, 0.3690, 0.3412

Protanomaly

26.7772, 0.3447, 0.3466

Deuteranomaly

26.8650, 0.3619, 0.3476

Tritanomaly

26.8381, 0.3587, 0.3247

Monochromacy



Original Color

26.7284, 0.3690, 0.3412

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1128, 0.3325, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7284, 0.3690, 0.3412 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, 132, 124)` looks like.

```
.text, #text, p{  
    color:rgb(172, 132, 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(172, 132, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 132, 124) }
```

Border

The CSS property to change the border of an element to Yxy 26.7284, 0.3690, 0.3412 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, 132, 124) }
```

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

```
.border{ border-color:rgb(172, 132, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 132, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(172, 132,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7284, 0.3690, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 132, 124) }
```

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

```
.background{ background-color: rgb(172,  
132, 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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