

Converting Colors

$Yxy(29.8746, 0.3600, 0.3547)$

Have a look what the booklet for
Yxy(29.8746, 0.3600, 0.3547)
contains.

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Color

Yxy(29.6973, 0.3602, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	AA8F7E
RGB	170, 143, 126
RGB Percent	67%, 56%, 49%
CMY	0.3333, 0.4392, 0.5058
CMYK	0.00, 0.16, 0.26, 0.33
HSL	23°, 21%, 58%
HSV	23°, 26%, 67%
XYZ	30.1663, 29.6973, 23.8851
YIQ	149.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

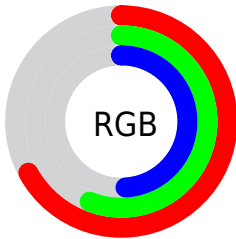
Format	Color
RYB	170, 154, 126
Decimal	11177854
CIELab	61.39, 7.47, 12.81
CIELCh	61, 14.835, 59.750
Yxy	29.6973, 0.3602, 0.3546
Android (android.graphics.Color)	4289367934 (0xFFAA8F7E)
YUV	149.1350, -11.4056, 18.2986
Hunter-Lab	54.4952, 3.4435, 12.1600

Details

The Yxy color $29.6973, 0.3602, 0.3546$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $30.1242, 0.2731, 0.3019$, and the grayscale version is $30.1577, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.3559, 0.3502, 0.3496$, and $12.1464, 0.3765, 0.3632$ is the 20% darker color. If you saturate the color by 10%, you get $26.3080, 0.3839, 0.3650$, and if you desaturate by 10%, it is $33.4553, 0.3396, 0.3443$.

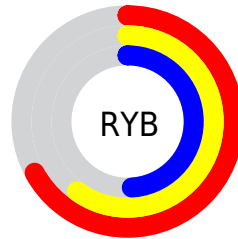
Distribution



Red (67%)

Green (56%)

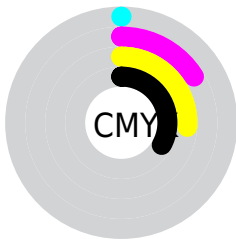
Blue (49%)



Red (67%)

Yellow (60%)

Blue (49%)

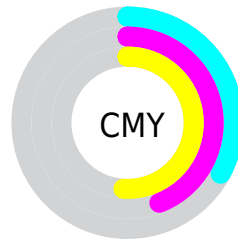


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (33%)



Cyan (33%)


Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6973, 0.3602, 0.3546 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 29.6973, 0.3602, 0.3546 by changing the saturation by 10% instead.


 29.6973, 0.3602,
0.3546


 29.6973, 0.3602,
0.3546


300.4909, 0.3345,
0.3412


 19.6089, 0.3673,
0.3581


 59.1831, 0.3504,
0.3496

 12.1111, 0.3769,
0.3627


 79.3494, 0.3468,
0.3478

 6.8194, 0.3905,
0.3688


 103.6438, 0.3439,
0.3463

 3.3494, 0.4111,
0.3775

132.4507, 0.3414,
0.3450

 1.3168, 0.4561,
0.3992

166.1544, 0.3393,
0.3438

 0.1541, 0.6809,
0.3191

205.1395, 0.3375,

 0.0000, 0.0000,

0.3429

0.0000

249.7902, 0.3359,
0.3420

■ 29.6973, 0.3602,
0.3546

■ 29.6973, 0.3602,
0.3546

■ 26.3080, 0.3839,
0.3650

■ 33.4553, 0.3396,
0.3443

■ 23.2716, 0.4108,
0.3751

■ 37.5890, 0.3219,
0.3345

■ 20.5772, 0.4407,
0.3841

■ 42.1104, 0.3067,
0.3253

■ 18.2115, 0.4726,
0.3909

■ 47.0296, 0.2937,
0.3168

■ 16.1604, 0.5051,
0.3942

■ 52.3564, 0.2826,
0.3090

■ 14.4085, 0.5357,
0.3930

■ 58.1001, 0.2730,
0.3018

■ 12.9379, 0.5622,
0.3868

■ 64.2700, 0.2648,
0.2953

■ 12.4033, 0.5724,
0.3837

■ 70.4149, 0.2611,
0.2967

■ 76.2786, 0.2626,
0.3087

Harmonies

Analogous

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



29.6973, 0.3569, 0.3352



29.6973, 0.3602, 0.3546



29.6973, 0.3502, 0.3682

Triad

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



29.6973, 0.3602, 0.3546



29.6973, 0.2843, 0.3429



29.6973, 0.2941, 0.2898

Complementary

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



29.6973, 0.3602, 0.3546



30.1242, 0.2731, 0.3019

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.



29.6973, 0.2758, 0.2904



29.6973, 0.3602, 0.3546



29.6973, 0.2704, 0.3201

Square

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



29.6973, 0.3602, 0.3546



29.6973, 0.3061, 0.3622



29.6973, 0.2673, 0.3011



29.6973, 0.3180, 0.2988

Rectangle

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



29.6973, 0.3602, 0.3546



29.6973, 0.3377, 0.3718



29.6973, 0.2673, 0.3011



29.6973, 0.2871, 0.2889

Sweetspot

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



29.6987, 0.3602, 0.3546



66.4379, 0.3257, 0.3367



25.7756, 0.3342, 0.2890



14.5643, 0.3282, 0.3381



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.



29.6987, 0.3602, 0.3546



50.3063, 0.3733, 0.3606



36.9149, 0.3526, 0.3854



7.9997, 0.3276, 0.3378



9.2256, 0.5705, 0.3852



0.3240, 0.5106, 0.4328

Inverse Universe

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



30.1242, 0.2731, 0.3019



51.2037, 0.2644, 0.2950



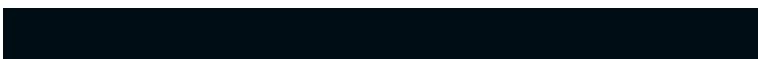
23.6106, 0.2698, 0.2655



8.0381, 0.2987, 0.3201



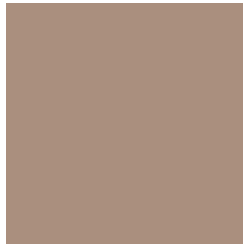
9.5780, 0.1888, 0.1996



0.3277, 0.2020, 0.2473

Previews

White Background



This preview shows how the Yxy color 29.6973, 0.3602, 0.3546 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 29.6973, 0.3602, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

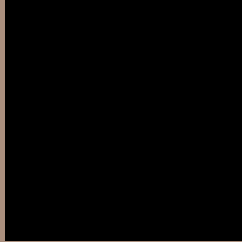
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6973, 0.3602, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 29.6973, 0.3602, 0.3546.



This preview shows how white text looks on a background with the Yxy color 29.6973, 0.3602, 0.3546.

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

29.6973, 0.3602, 0.3546

Protanopia

29.8062, 0.3410, 0.3604

Deuteranopia

29.8092, 0.3613, 0.3545



Tritanopia

29.5515, 0.3387, 0.3131

Trichromacy



Original Color

29.6973, 0.3602, 0.3546

Protanomaly

29.6671, 0.3481, 0.3585

Deuteranomaly

29.8092, 0.3613, 0.3545

Tritanomaly

29.4499, 0.3471, 0.3276

Monochromacy



Original Color

29.6973, 0.3602, 0.3546

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.9586, 0.3291, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6973, 0.3602, 0.3546 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, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(170, 143, 126)  
}
```

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, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 143, 126) }
```

Border

The CSS property to change the border of an element to Yxy 29.6973, 0.3602, 0.3546 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, 143, 126) }
```

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

```
.border{ border-color:rgb(170, 143, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(170, 143,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6973, 0.3602, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 143, 126) }
```

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

```
.background{ background-color: rgb(170,  
143, 126) }
```

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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