

Converting Colors

$Y_{xy}(29.7858, 0.3580, 0.3528)$

Have a look what the booklet for
Yxy(29.7858, 0.3580, 0.3528)
contains.

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Color

Yxy(29.7495, 0.3581, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	AA8F80
RGB	170, 143, 128
RGB Percent	67%, 56%, 50%
CMY	0.3332, 0.4392, 0.4981
CMYK	0.00, 0.16, 0.25, 0.33
HSL	21°, 20%, 58%
HSV	21°, 25%, 67%
XYZ	30.2995, 29.7495, 24.5628
YIQ	149.3630, 20.9070, 1.0590

Conversions

Conversions Part 2

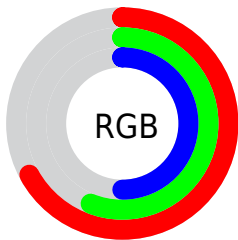
Format	Color
R_{YB}	170, 151, 128
Decimal	11177856
CIE _{Lab}	61.44, 7.78, 11.76
CIE _{LCh}	61, 14.103, 56.522
Yxy	29.7495, 0.3581, 0.3516
Android (android.graphics.Color)	4289367936 (0xFFAA8F80)
YUV	149.3630, -10.5320, 18.0986
Hunter-Lab	54.5431, 3.7089, 11.4797

Details

The Yxy color $29.7495, 0.3581, 0.3516$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $30.9394, 0.2751, 0.3052$, and the grayscale version is $30.2556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4375, 0.3486, 0.3473$, and $12.1751, 0.3733, 0.3590$ is the 20% darker color. If you saturate the color by 10%, you get $26.2162, 0.3819, 0.3613$, and if you desaturate by 10%, it is $33.6804, 0.3376, 0.3421$.

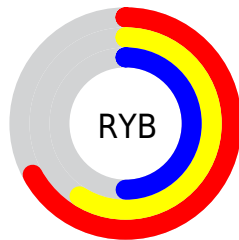
Distribution



Red (67%)

Green (56%)

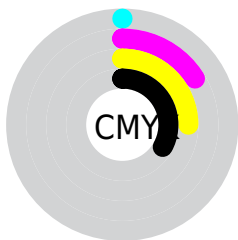
Blue (50%)



Red (67%)

Yellow (59%)

Blue (50%)

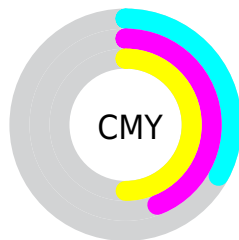


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (33%)



Cyan (33%)

Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7495, 0.3581, 0.3516 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 29.7495, 0.3581, 0.3516 by changing the saturation by 10% instead.


 29.7495, 0.3581,
0.3516


 29.7495, 0.3581,
0.3516


300.7351, 0.3336,
0.3398


 19.6485, 0.3649,
0.3547


 59.2658, 0.3487,
0.3472

 12.1398, 0.3741,
0.3587


 79.4499, 0.3453,
0.3456

 6.8390, 0.3871,
0.3641


 103.7639, 0.3425,
0.3443

 3.3616, 0.4069,
0.3717

132.5921, 0.3402,
0.3431

 1.3233, 0.4475,
0.3889

166.3189, 0.3381,
0.3421

 0.1591, 0.6819,
0.3181

205.3287, 0.3364,

 0.0000, 0.0000,

0.3413

0.0000

250.0060, 0.3349,
0.3405

■ 29.7495, 0.3581,
0.3516

■ 29.7495, 0.3581,
0.3516

■ 26.2162, 0.3819,
0.3613

■ 33.6804, 0.3376,
0.3421

■ 23.0637, 0.4092,
0.3707

■ 38.0171, 0.3201,
0.3331

■ 20.2796, 0.4397,
0.3791

■ 42.7725, 0.3051,
0.3246

■ 17.8495, 0.4727,
0.3855

■ 47.9579, 0.2924,
0.3168

■ 15.7579, 0.5066,
0.3887

■ 53.5840, 0.2815,
0.3097

■ 13.9879, 0.5390,
0.3876

■ 59.6611, 0.2722,
0.3032

■ 12.5204, 0.5669,
0.3815

■ 66.1992, 0.2642,
0.2972

■ 11.8549, 0.5804,
0.3773

■ 72.6142, 0.2617,
0.3013

■ 78.9067, 0.2633,
0.3138

Harmonies

Analogous

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



29.7495, 0.3536, 0.3329



29.7495, 0.3581, 0.3516



29.7495, 0.3499, 0.3653

Triad

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



29.7495, 0.3581, 0.3516



29.7495, 0.2877, 0.3444



29.7495, 0.2928, 0.2913

Complementary

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



29.7495, 0.3581, 0.3516



30.9394, 0.2751, 0.3052

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.



29.7495, 0.2763, 0.2929



29.7495, 0.3581, 0.3516



29.7495, 0.2734, 0.3229

Square

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



29.7495, 0.3581, 0.3516



29.7495, 0.3089, 0.3619



29.7495, 0.2693, 0.3041



29.7495, 0.3153, 0.2990

Rectangle

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



29.7495, 0.3581, 0.3516



29.7495, 0.3386, 0.3694



29.7495, 0.2693, 0.3041



29.7495, 0.2864, 0.2907

Sweetspot

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



29.7509, 0.3581, 0.3516



66.9973, 0.3240, 0.3352



26.3610, 0.3314, 0.2889



14.8383, 0.3250, 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.



29.7509, 0.3581, 0.3516



50.1458, 0.3715, 0.3572



36.5574, 0.3512, 0.3810



7.9643, 0.3277, 0.3371



8.8151, 0.5785, 0.3789



0.3111, 0.5168, 0.4278

Inverse Universe

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



30.9394, 0.2751, 0.3052



52.6917, 0.2663, 0.2988



24.6229, 0.2722, 0.2711



8.0746, 0.2987, 0.3208



10.3363, 0.1916, 0.2099



0.3428, 0.2039, 0.2538

Previews

White Background



This preview shows how the Yxy color 29.7495, 0.3581, 0.3516 looks on a white background.

Color Contrast Check

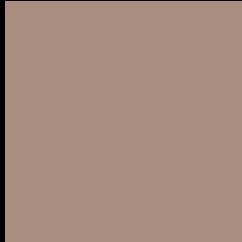
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7495, 0.3581, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

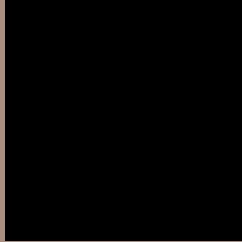
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7495, 0.3581, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 29.7495, 0.3581, 0.3516.



This preview shows how white text looks on a background with the Yxy color 29.7495, 0.3581, 0.3516.

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

29.7495, 0.3581, 0.3516

Protanopia

29.7871, 0.3369, 0.3558

Deuteranopia

29.7495, 0.3581, 0.3516



Tritanopia

29.8748, 0.3374, 0.3131

Trichromacy



Original Color

29.7495, 0.3581, 0.3516

Protanomaly

29.6431, 0.3439, 0.3539

Deuteranomaly

29.7495, 0.3581, 0.3516

Tritanomaly

29.8036, 0.3447, 0.3262

Monochromacy



Original Color

29.7495, 0.3581, 0.3516

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 29.7495, 0.3581, 0.3516 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(170, 143, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 143, 128) }
```

Border

The CSS property to change the border of an element to Yxy 29.7495, 0.3581, 0.3516 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, 128) }
```

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

```
.border{ border-color:rgb(170, 143, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 143, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 143, 128);  
box-shadow:4px 4px 4px 4px rgb(170, 143,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7495, 0.3581, 0.3516 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, 128) }
```

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

```
.background{ background-color: rgb(170,  
143, 128) }
```

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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