

Converting Colors

$Y_{xy}(29.8151, 0.3534, 0.3355)$

Have a look what the booklet for
Yxy(29.8151, 0.3534, 0.3355)
contains.

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Color

Yxy(29.8546, 0.3534, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	AE8D89
RGB	174, 141, 137
RGB Percent	68%, 55%, 54%
CMY	0.3177, 0.4470, 0.4627
CMYK	0.00, 0.19, 0.21, 0.32
HSL	7°, 19%, 61%
HSV	7°, 21%, 68%
XYZ	31.4944, 29.8546, 27.7692
YIQ	150.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

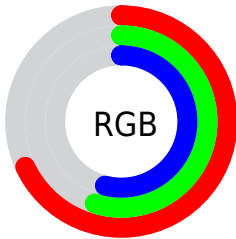
Format	Color
RYB	174, 141, 137
Decimal	11439497
CIELab	61.53, 11.82, 6.84
CIELCh	62, 13.654, 30.049
Yxy	29.8546, 0.3534, 0.3350
Android (android.graphics.Color)	4289629577 (0xFFAE8D89)
YUV	150.4110, -6.6116, 20.6876
Hunter-Lab	54.6394, 7.2693, 8.1147

Details

The Yxy color $29.8546, 0.3534, 0.3350$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.1177, 0.2812, 0.3229$, and the grayscale version is $30.7054, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5709, 0.3452, 0.3347$, and $12.2352, 0.3681, 0.3375$ is the 20% darker color. If you saturate the color by 10%, you get $25.1367, 0.3795, 0.3380$, and if you desaturate by 10%, it is $35.2967, 0.3321, 0.3321$.

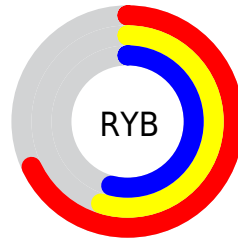
Distribution



Red (68%)

Green (55%)

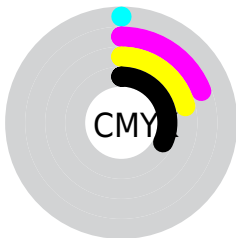
Blue (54%)



Red (68%)

Yellow (55%)

Blue (54%)

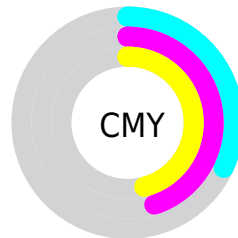


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (32%)



Cyan (32%)


Magenta (45%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8546, 0.3534, 0.3350 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 29.8546, 0.3534, 0.3350 by changing the saturation by 10% instead.

 29.8546, 0.3534,
0.3350

 29.8546, 0.3534,
0.3350


301.2261, 0.3314,
0.3321


 19.7283, 0.3595,
0.3357


 59.4322, 0.3450,
0.3340

 12.1977, 0.3678,
0.3365


 79.6522, 0.3419,
0.3336

 6.8784, 0.3796,
0.3375


 104.0055, 0.3394,
0.3332

 3.3862, 0.3977,
0.3386

132.8766, 0.3373,
0.3329

 1.3365, 0.4290,
0.3395

166.6498, 0.3355,
0.3327

 0.1692, 0.7264,
0.2736


205.7095, 0.3339,


 0.0000, 0.0000,


0.3325

0.0000


250.4402, 0.3326,
0.3323


 29.8546, 0.3534,
0.3350


 29.8546, 0.3534,
0.3350


 25.1367, 0.3795,
0.3380


 35.2967, 0.3321,
0.3321

 21.1085, 0.4109,
0.3410


 41.4875, 0.3147,
0.3293


 17.7389, 0.4480,
0.3436

 48.4552, 0.3005,
0.3268

 14.9927, 0.4900,
0.3454

 56.2256, 0.2888,
0.3245

 12.8316, 0.5344,
0.3457

 64.8231, 0.2792,
0.3225

■ 11.2129, 0.5764,
0.3442

■ 74.2712, 0.2713,
0.3206

■ 10.0880, 0.6102,
0.3407

■ 84.3455, 0.2664,
0.3230

■ 9.4584, 0.6308,
0.3374

■ 87.7378, 0.2671,
0.3289

Harmonies

Analogous

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



29.8546, 0.3391, 0.3164



29.8546, 0.3534, 0.3350



29.8546, 0.3563, 0.3528

Triad

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



29.8546, 0.3534, 0.3350



29.8546, 0.3065, 0.3592



29.8546, 0.2789, 0.2934

Complementary

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



29.8546, 0.3534, 0.3350



37.1177, 0.2812, 0.3229

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.



29.8546, 0.2709, 0.3032



29.8546, 0.3534, 0.3350



29.8546, 0.2864, 0.3416

Square

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



29.8546, 0.3534, 0.3350



29.8546, 0.3287, 0.3679



29.8546, 0.2736, 0.3207



29.8546, 0.2958, 0.2929

Rectangle

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



29.8546, 0.3534, 0.3350



29.8546, 0.3514, 0.3619



29.8546, 0.2736, 0.3207



29.8546, 0.2751, 0.2957

Sweetspot

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



29.8560, 0.3534, 0.3350



69.6470, 0.3227, 0.3306



29.8026, 0.3189, 0.2821



15.3219, 0.3238, 0.3308



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.8560, 0.3534, 0.3350



49.5497, 0.3663, 0.3366



35.6674, 0.3482, 0.3610



8.1498, 0.3284, 0.3315



6.9063, 0.6295, 0.3383



0.2355, 0.5923, 0.3679

Inverse Universe

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



37.1177, 0.2812, 0.3229



65.3414, 0.2740, 0.3213



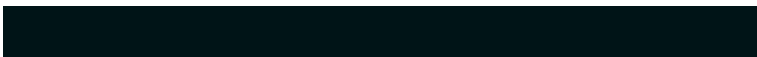
30.7647, 0.2793, 0.2948



8.9216, 0.2986, 0.3265



19.3086, 0.2153, 0.2951



0.5785, 0.2184, 0.3062

Previews

White Background



This preview shows how the Yxy color 29.8546, 0.3534, 0.3350 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 29.8546, 0.3534, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

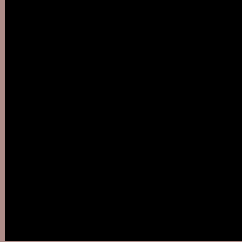
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8546, 0.3534, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 29.8546, 0.3534, 0.3350.



This preview shows how white text looks on a background with the Yxy color 29.8546, 0.3534, 0.3350.

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

29.8546, 0.3534, 0.3350

Protanopia

29.8752, 0.3247, 0.3400

Deuteranopia

30.0775, 0.3459, 0.3396



Tritanopia

29.8974, 0.3420, 0.3132

Trichromacy



Original Color

29.8546, 0.3534, 0.3350

Protanomaly

29.7213, 0.3349, 0.3367

Deuteranomaly

29.9971, 0.3484, 0.3380

Tritanomaly

29.9145, 0.3461, 0.3218

Monochromacy



Original Color

29.8546, 0.3534, 0.3350

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2827, 0.3273, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8546, 0.3534, 0.3350 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(174, 141, 137)` looks like.

```
.text, #text, p{  
    color:rgb(174, 141, 137)  
}
```

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(174, 141, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 141, 137) }
```

Border

The CSS property to change the border of an element to Yxy 29.8546, 0.3534, 0.3350 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(174, 141, 137) }
```

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

```
.border{ border-color:rgb(174, 141, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 141, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 141, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 141, 137);  
box-shadow:4px 4px 4px 4px rgb(174, 141,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8546, 0.3534, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 141, 137) }
```

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

```
.background{ background-color: rgb(174,  
141, 137) }
```

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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