

Converting Colors

$Y_{xy}(30.9100, 0.3476, 0.3424)$

Have a look what the booklet for
Yxy(30.9100, 0.3476, 0.3424)
contains.

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Color

Yxy(30.9100, 0.3476, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	AA9289
RGB	170, 146, 137
RGB Percent	67%, 57%, 54%
CMY	0.3332, 0.4275, 0.4627
CMYK	0.00, 0.14, 0.19, 0.33
HSL	16°, 16%, 60%
HSV	16°, 19%, 67%
XYZ	31.3794, 30.9100, 27.9851
YIQ	152.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

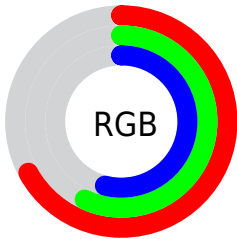
Format	Color
RYB	170, 149, 137
Decimal	11178633
CIELab	62.43, 7.51, 8.07
CIELCh	62, 11.018, 47.064
Yxy	30.9100, 0.3476, 0.3424
Android (android.graphics.Color)	4289368713 (0xFFAA9289)
YUV	152.1500, -7.4689, 15.6545
Hunter-Lab	55.5968, 3.4530, 9.0736

Details

The Yxy color **30.9100, 0.3476, 0.3424** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7383, 0.2834, 0.3152**, and the grayscale version is **31.4976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1950, 0.3410, 0.3403**, and **12.8358, 0.3591, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **26.8477, 0.3706, 0.3498**, and if you desaturate by 10%, it is **35.4657, 0.3282, 0.3353**.

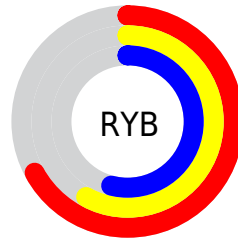
Distribution



Red (67%)

Green (57%)

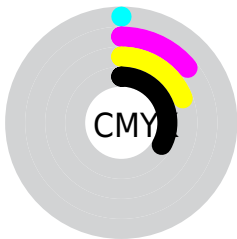
Blue (54%)



Red (67%)

Yellow (58%)

Blue (54%)

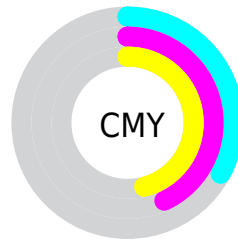


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (33%)



Cyan (33%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9100, 0.3476, 0.3424 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 30.9100, 0.3476, 0.3424 by changing the saturation by 10% instead.


 30.9100, 0.3476,
0.3424

 30.9100, 0.3476,
0.3424


306.1235, 0.3289,
0.3355


 20.5303, 0.3528,
0.3442


 61.0983, 0.3404,
0.3398

 12.7811, 0.3597,
0.3465


 81.6758, 0.3379,
0.3389

 7.2780, 0.3695,
0.3497


 106.4213, 0.3357,
0.3381

 3.6366, 0.3845,
0.3542

135.7193, 0.3339,
0.3374

 1.4724, 0.4100,
0.3609

169.9541, 0.3324,
0.3368

 0.2692, 0.6199,
0.3801

209.5101, 0.3310,

 0.0000, 0.0000,

0.3363

0.0000

254.7718, 0.3299,
0.3359

■ 30.9100, 0.3476,
0.3424

■ 30.9100, 0.3476,
0.3424

■ 26.8477, 0.3706,
0.3498

■ 35.4657, 0.3282,
0.3353

■ 23.2579, 0.3977,
0.3572

■ 40.5265, 0.3118,
0.3286

■ 20.1243, 0.4290,
0.3640

■ 46.1090, 0.2981,
0.3225

■ 17.4280, 0.4641,
0.3696

■ 52.2276, 0.2866,
0.3168

■ 15.1489, 0.5017,
0.3729

■ 58.8963, 0.2768,
0.3117

■ 13.2651, 0.5391,
0.3727

■ 66.1286, 0.2686,
0.3070

■ 11.7524, 0.5728,
0.3684

■ 73.8698, 0.2620,
0.3039

■ 10.5785, 0.6003,
0.3607

■ 81.1174, 0.2638,
0.3179

■ 10.5197, 0.6019,
0.3603

■ 87.2908, 0.2652,
0.3289

Harmonies

Analogous

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



30.9100, 0.3411, 0.3274



30.9100, 0.3476, 0.3424



30.9100, 0.3444, 0.3545

Triad

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



30.9100, 0.3476, 0.3424



30.9100, 0.2982, 0.3457



30.9100, 0.2927, 0.2993

Complementary

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



30.9100, 0.3476, 0.3424



33.7383, 0.2834, 0.3152

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.



30.9100, 0.2818, 0.3031



30.9100, 0.3476, 0.3424



30.9100, 0.2850, 0.3297

Square

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



30.9100, 0.3476, 0.3424



30.9100, 0.3156, 0.3570



30.9100, 0.2791, 0.3141



30.9100, 0.3091, 0.3030

Rectangle

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



30.9100, 0.3476, 0.3424



30.9100, 0.3372, 0.3591



30.9100, 0.2791, 0.3141



30.9100, 0.2883, 0.2997

Sweetspot

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



30.9114, 0.3476, 0.3424



67.2510, 0.3224, 0.3330



29.0283, 0.3239, 0.2939



14.8716, 0.3235, 0.3335



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.



30.9114, 0.3476, 0.3424



53.0059, 0.3563, 0.3453



36.3167, 0.3433, 0.3658



7.8616, 0.3279, 0.3352



7.8160, 0.5999, 0.3618



0.2732, 0.5374, 0.4115

Inverse Universe

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



33.7383, 0.2834, 0.3152



59.0107, 0.2775, 0.3120



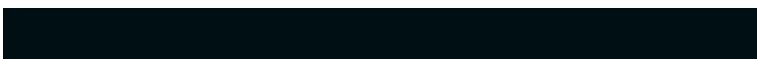
28.3898, 0.2819, 0.2893



8.1822, 0.2987, 0.3227



12.8020, 0.2000, 0.2399



0.3896, 0.2091, 0.2728

Previews

White Background



This preview shows how the Yxy color 30.9100, 0.3476, 0.3424 looks on a white background.

Color Contrast Check

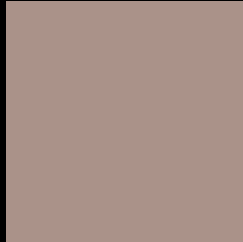
Large Text (above 18pt) WCAG AA × Fail

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 30.9100, 0.3476, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

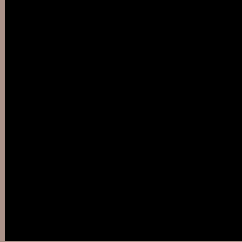
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9100, 0.3476, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 30.9100, 0.3476, 0.3424.



This preview shows how white text looks on a background with the Yxy color 30.9100, 0.3476, 0.3424.

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

30.9100, 0.3476, 0.3424

Protanopia

31.1654, 0.3304, 0.3475

Deuteranopia

31.0218, 0.3487, 0.3424



Tritanopia

30.7821, 0.3316, 0.3117

Trichromacy



Original Color

30.9100, 0.3476, 0.3424

Protanomaly

31.0113, 0.3371, 0.3458

Deuteranomaly

31.0218, 0.3487, 0.3424

Tritanomaly

30.7426, 0.3376, 0.3232

Monochromacy



Original Color

30.9100, 0.3476, 0.3424

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2902, 0.3249, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9100, 0.3476, 0.3424 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, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(170, 146, 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(170, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 146, 137) }
```

Border

The CSS property to change the border of an element to Yxy 30.9100, 0.3476, 0.3424 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, 146, 137) }
```

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

```
.border{ border-color:rgb(170, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(170, 146,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9100, 0.3476, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 146, 137) }
```

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

```
.background{ background-color: rgb(170,  
146, 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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