

Converting Colors

$Y_{xy}(29.8663, 0.3604, 0.3439)$

Have a look what the booklet for
Yxy(29.8663, 0.3604, 0.3439)
contains.

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Color

Yxy(29.8024, 0.3611, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	AF8D83
RGB	175, 141, 131
RGB Percent	69%, 55%, 51%
CMY	0.3137, 0.4471, 0.4862
CMYK	0.00, 0.19, 0.25, 0.31
HSL	14°, 22%, 60%
HSV	14°, 25%, 69%
XYZ	31.3021, 29.8024, 25.5808
YIQ	150.0260, 23.4740, 4.0980

Conversions

Conversions Part 2

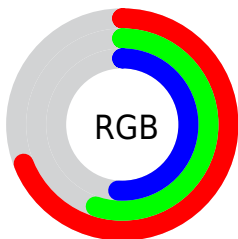
Format	Color
R_{YB}	175, 144, 131
Decimal	11505027
CIE _{Lab}	61.48, 11.31, 10.18
CIE _{LCh}	61, 15.217, 42.002
Yxy	29.8024, 0.3611, 0.3438
Android (android.graphics.Color)	4289695107 (0xFFAF8D83)
YUV	150.0260, -9.3798, 21.9022
Hunter-Lab	54.5916, 6.8142, 10.4317

Details

The Yxy color $29.8024, 0.3611, 0.3438$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.8384, 0.2751, 0.3137$, and the grayscale version is $30.5451, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4798, 0.3509, 0.3414$, and $12.2289, 0.3780, 0.3478$ is the 20% darker color. If you saturate the color by 10%, you get $25.6198, 0.3872, 0.3501$, and if you desaturate by 10%, it is $34.5552, 0.3392, 0.3377$.

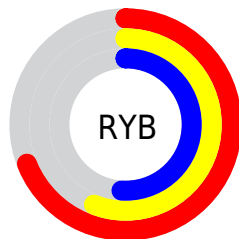
Distribution



Red (69%)

Green (55%)

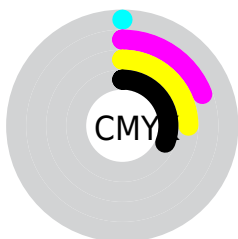
Blue (51%)



Red (69%)

Yellow (56%)

Blue (51%)

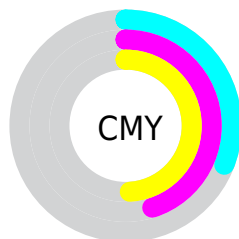


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (31%)



Cyan (31%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8024, 0.3611, 0.3438 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 29.8024, 0.3611, 0.3438 by changing the saturation by 10% instead.


 29.8024, 0.3611,
0.3438


 29.8024, 0.3611,
0.3438


300.9823, 0.3349,
0.3363

 19.6887, 0.3684,
0.3457


 59.3495, 0.3511,
0.3411

 12.1689, 0.3782,
0.3480


 79.5517, 0.3474,
0.3400

 6.8588, 0.3922,
0.3511


 103.8855, 0.3445,
0.3392

 3.3740, 0.4136,
0.3552

132.7353, 0.3419,
0.3384

 1.3299, 0.4535,
0.3630

166.4855, 0.3398,
0.3378

 0.1642, 0.7246,
0.2754

205.5204, 0.3379,

 0.0000, 0.0000,

0.3372

0.0000

250.2246, 0.3363,
0.3367

■ 29.8024, 0.3611,
0.3438

■ 29.8024, 0.3611,
0.3438

■ 25.6198, 0.3872,
0.3501

■ 34.5552, 0.3392,
0.3377

■ 21.9818, 0.4179,
0.3560

■ 39.8944, 0.3209,
0.3318

■ 18.8668, 0.4531,
0.3612


■ 45.8407, 0.3057,
0.3264

■ 16.2503, 0.4918,
0.3646


■ 52.4125, 0.2930,
0.3215


■ 14.1057, 0.5317,
0.3653


■ 59.6275, 0.2823,
0.3169


 12.4036, 0.5690,
0.3624


 67.5027, 0.2734,
0.3128

 11.1112, 0.5993,
0.3558

 76.0542, 0.2658,
0.3091

 10.6136, 0.6119,
0.3524

 84.2228, 0.2669,
0.3226

 87.8543, 0.2676,
0.3289

Harmonies

Analogous

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



29.8024, 0.3498, 0.3229



29.8024, 0.3611, 0.3438



29.8024, 0.3587, 0.3619

Triad

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



29.8024, 0.3611, 0.3438



29.8024, 0.2961, 0.3559



29.8024, 0.2816, 0.2880

Complementary

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



29.8024, 0.3611, 0.3438



34.8384, 0.2751, 0.3137

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.



29.8024, 0.2684, 0.2947



29.8024, 0.3611, 0.3438



29.8024, 0.2766, 0.3337

Square

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



29.8024, 0.3611, 0.3438



29.8024, 0.3207, 0.3702



29.8024, 0.2667, 0.3111



29.8024, 0.3033, 0.2916

Rectangle

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



29.8024, 0.3611, 0.3438



29.8024, 0.3499, 0.3699



29.8024, 0.2667, 0.3111



29.8024, 0.2760, 0.2890

Sweetspot

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



29.8038, 0.3611, 0.3438



68.4621, 0.3260, 0.3335



28.0852, 0.3255, 0.2802



14.8961, 0.3287, 0.3344



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.



29.8038, 0.3611, 0.3438



49.2177, 0.3746, 0.3472



36.7848, 0.3539, 0.3741



8.2994, 0.3281, 0.3342



7.6797, 0.6100, 0.3539



0.2947, 0.5533, 0.3989

Inverse Universe

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



34.8384, 0.2751, 0.3137



59.7347, 0.2675, 0.3099



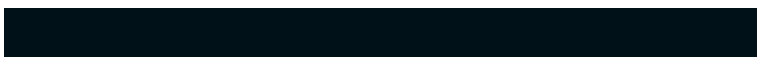
27.7110, 0.2722, 0.2794



8.7590, 0.2986, 0.3237



14.7756, 0.2043, 0.2553



0.4859, 0.2112, 0.2801

Previews

White Background



This preview shows how the Yxy color 29.8024, 0.3611, 0.3438 looks on a white background.

Color Contrast Check

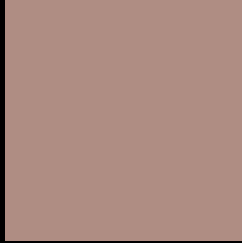
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8024, 0.3611, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

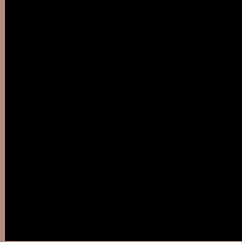
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8024, 0.3611, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 29.8024, 0.3611, 0.3438.



This preview shows how white text looks on a background with the Yxy color 29.8024, 0.3611, 0.3438.

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

29.8024, 0.3611, 0.3438

Protanopia

29.8976, 0.3328, 0.3494

Deuteranopia

29.8297, 0.3548, 0.3471



Tritanopia

29.6940, 0.3444, 0.3133

Trichromacy



Original Color

29.8024, 0.3611, 0.3438

Protanomaly

29.6534, 0.3422, 0.3460

Deuteranomaly

29.7554, 0.3574, 0.3455

Tritanomaly

29.6483, 0.3507, 0.3248

Monochromacy



Original Color

29.8024, 0.3611, 0.3438

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2215, 0.3293, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8024, 0.3611, 0.3438 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(175, 141, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 141, 131)  
}
```

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(175, 141, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 141, 131) }
```

Border

The CSS property to change the border of an element to Yxy 29.8024, 0.3611, 0.3438 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(175, 141, 131) }
```

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

```
.border{ border-color:rgb(175, 141, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 141, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 141, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 141, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 141,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8024, 0.3611, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 141, 131) }
```

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

```
.background{ background-color: rgb(175,  
141, 131) }
```

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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