

Converting Colors

$Y_{xy}(29.2481, 0.3631, 0.3531)$

Have a look what the booklet for
Yxy(29.2481, 0.3631, 0.3531)
contains.

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Color

Yxy(29.1883, 0.3632, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	AB8D7D
RGB	171, 141, 125
RGB Percent	67%, 55%, 49%
CMY	0.3294, 0.4471, 0.5098
CMYK	0.00, 0.18, 0.27, 0.33
HSL	21°, 22%, 58%
HSV	21°, 27%, 67%
XYZ	30.0232, 29.1883, 23.4515
YIQ	148.1460, 23.0160, 1.3840

Conversions

Conversions Part 2

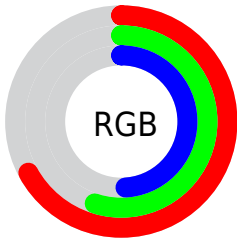
Format	Color
R_{YB}	171, 150, 125
Decimal	11242877
CIE _{Lab}	60.95, 8.85, 12.78
CIE _{LCh}	61, 15.547, 55.303
Yxy	29.1883, 0.3632, 0.3531
Android (android.graphics.Color)	4289432957 (0xFFAB8D7D)
YUV	148.1460, -11.4110, 20.0430
Hunter-Lab	54.0262, 4.6494, 12.0820

Details

The Yxy color $29.1883, 0.3632, 0.3531$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $30.7468, 0.2718, 0.3035$, and the grayscale version is $29.7207, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.5755, 0.3523, 0.3484$, and $11.8555, 0.3812, 0.3610$ is the 20% darker color. If you saturate the color by 10%, you get $25.6641, 0.3879, 0.3625$, and if you desaturate by 10%, it is $33.1218, 0.3419, 0.3438$.

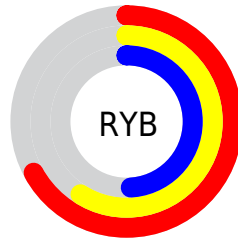
Distribution



Red (67%)

Green (55%)

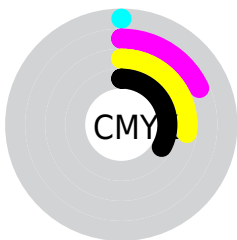
Blue (49%)



Red (67%)

Yellow (59%)

Blue (49%)

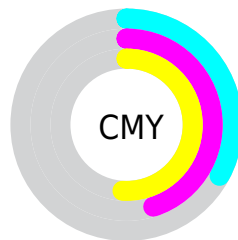


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (33%)



Cyan (33%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1883, 0.3632, 0.3531 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 29.1883, 0.3632, 0.3531 by changing the saturation by 10% instead.


 29.1883, 0.3632,
0.3531

 29.1883, 0.3632,
0.3531


298.1024, 0.3358,
0.3406

 19.2233, 0.3708,
0.3563


 58.3761, 0.3527,
0.3485

 11.8317, 0.3811,
0.3605


 78.3678, 0.3489,
0.3467

 6.6292, 0.3957,
0.3662


 102.4704, 0.3458,
0.3453

 3.2313, 0.4181,
0.3740

131.0684, 0.3432,
0.3441

 1.2537, 0.4693,
0.3961

164.5462, 0.3409,
0.3430

 0.1049, 0.7506,
0.2494

203.2882, 0.3390,

 0.0000, 0.0000,

0.3421

0.0000

247.6788, 0.3373,
0.3413

■ 29.1883, 0.3632,
0.3531

■ 29.1883, 0.3632,
0.3531

■ 25.6641, 0.3879,
0.3625

■ 33.1218, 0.3419,
0.3438

■ 22.5315, 0.4162,
0.3716

■ 37.4734, 0.3237,
0.3348

■ 19.7774, 0.4477,
0.3794

■ 42.2569, 0.3082,
0.3265

■ 17.3866, 0.4815,
0.3850

■ 47.4841, 0.2950,
0.3188

■ 15.3423, 0.5158,
0.3872

■ 53.1661, 0.2838,
0.3117

■ 13.6264, 0.5478,
0.3848

■ 59.3141, 0.2742,
0.3052

■ 12.2173, 0.5750,
0.3777

■ 65.9384, 0.2659,
0.2993

■ 11.8364, 0.5830,
0.3753

■ 72.6030, 0.2622,
0.3011

■ 79.0198, 0.2638,
0.3138

Harmonies

Analogous

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



29.1883, 0.3577, 0.3323



29.1883, 0.3632, 0.3531



29.1883, 0.3546, 0.3688

Triad

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



29.1883, 0.3632, 0.3531



29.1883, 0.2858, 0.3471



29.1883, 0.2897, 0.2872

Complementary

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



29.1883, 0.3632, 0.3531



30.7468, 0.2718, 0.3035

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.



29.1883, 0.2718, 0.2893



29.1883, 0.3632, 0.3531



29.1883, 0.2696, 0.3231

Square

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



29.1883, 0.3632, 0.3531



29.1883, 0.3094, 0.3663



29.1883, 0.2647, 0.3020



29.1883, 0.3144, 0.2953

Rectangle

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



29.1883, 0.3632, 0.3531



29.1883, 0.3422, 0.3738



29.1883, 0.2647, 0.3020



29.1883, 0.2828, 0.2867

Sweetspot

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



29.1896, 0.3632, 0.3531



66.0991, 0.3258, 0.3359



25.7149, 0.3326, 0.2841



14.4762, 0.3283, 0.3372



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.



29.1896, 0.3632, 0.3531



48.6087, 0.3767, 0.3585



36.4573, 0.3551, 0.3847



8.4539, 0.3278, 0.3369



9.0115, 0.5812, 0.3767



0.3548, 0.5230, 0.4229

Inverse Universe

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



30.7468, 0.2718, 0.3035



51.8376, 0.2633, 0.2974



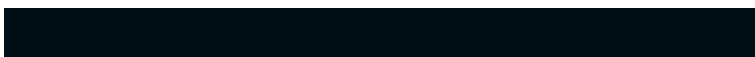
23.9839, 0.2683, 0.2664



8.5960, 0.2986, 0.3209



10.9761, 0.1925, 0.2130



0.4024, 0.2034, 0.2522

Previews

White Background



This preview shows how the Yxy color 29.1883, 0.3632, 0.3531 looks on a white background.

Color Contrast Check

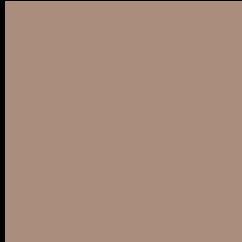
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1883, 0.3632, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

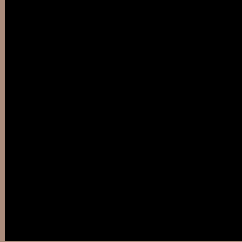
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1883, 0.3632, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 29.1883, 0.3632, 0.3531.



This preview shows how white text looks on a background with the Yxy color 29.1883, 0.3632, 0.3531.

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

29.1883, 0.3632, 0.3531

Protanopia

29.2960, 0.3390, 0.3591

Deuteranopia

29.2617, 0.3605, 0.3548



Tritanopia

29.3137, 0.3422, 0.3145

Trichromacy



Original Color

29.1883, 0.3632, 0.3531

Protanomaly

29.2567, 0.3473, 0.3571

Deuteranomaly

29.3727, 0.3617, 0.3547

Tritanomaly

29.2429, 0.3496, 0.3276

Monochromacy



Original Color

29.1883, 0.3632, 0.3531

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2122, 0.3294, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1883, 0.3632, 0.3531 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(171, 141, 125)` looks like.

```
.text, #text, p{  
    color:rgb(171, 141, 125)  
}
```

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(171, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 141, 125) }
```

Border

The CSS property to change the border of an element to Yxy 29.1883, 0.3632, 0.3531 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(171, 141, 125) }
```

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

```
.border{ border-color:rgb(171, 141, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 141, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(171, 141,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1883, 0.3632, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 141, 125) }
```

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

```
.background{ background-color: rgb(171,  
141, 125) }
```

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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