

Converting Colors

$Y_{xy}(29.8831, 0.3332, 0.3021)$

Have a look what the booklet for
Yxy(29.8831, 0.3332, 0.3021)
contains.

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Color

Yxy(30.0135, 0.3334, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	AF8B9D
RGB	175, 139, 157
RGB Percent	69%, 55%, 62%
CMY	0.3138, 0.4548, 0.3843
CMYK	0.00, 0.21, 0.10, 0.31
HSL	330°, 18%, 62%
HSV	330°, 21%, 69%
XYZ	32.9921, 30.0135, 35.9509
YIQ	151.8160, 15.6780, 13.2300

Conversions

Conversions Part 2

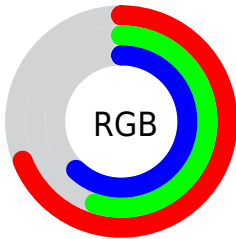
Format	Color
R_{YB}	175, 139, 157
Decimal	11504541
CIE _{Lab}	61.67, 16.63, -4.33
CIE _{LCh}	62, 17.181, 345.414
Yxy	30.0135, 0.3334, 0.3033
Android (android.graphics.Color)	4289694621 (0xFFAF8B9D)
YUV	151.8160, 2.5557, 20.3324
Hunter-Lab	54.7846, 11.6224, -0.5582

Details

The Yxy color **30.0135, 0.3334, 0.3033** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5724, 0.2961, 0.3562**, and the grayscale version is **31.2994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8823, 0.3290, 0.3082**, and **12.3229, 0.3398, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **25.0580, 0.3466, 0.2901**, and if you desaturate by 10%, it is **35.8040, 0.3224, 0.3161**.

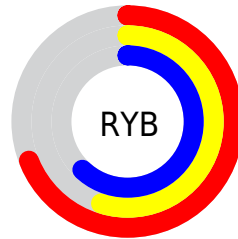
Distribution



Red (69%)

Green (55%)

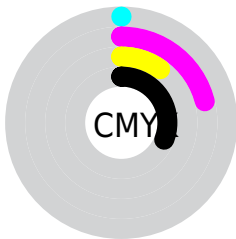
Blue (62%)



Red (69%)

Yellow (55%)

Blue (62%)

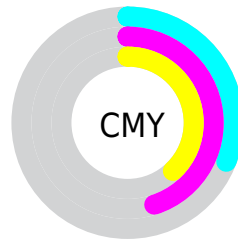


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (45%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0135, 0.3334, 0.3033 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 30.0135, 0.3334, 0.3033 by changing the saturation by 10% instead.


 30.0135, 0.3334,
0.3033

 30.0135, 0.3334,
0.3033


301.9674, 0.3224,
0.3169


 19.8488, 0.3364,
0.2997


 59.6835, 0.3292,
0.3084

 12.2852, 0.3403,
0.2949


 79.9577, 0.3277,
0.3103

 6.9382, 0.3459,
0.2881


 104.3704, 0.3265,
0.3118

 3.4235, 0.3542,
0.2782

133.3062, 0.3254,
0.3131

 1.3566, 0.3682,
0.2619

167.1494, 0.3245,
0.3143

 0.1844, 0.4580,
0.1453

206.2844, 0.3237,

 0.0000, 0.0000,

0.3152

0.0000

251.0956, 0.3230,
0.3161

■ 30.0135, 0.3334,
0.3033

■ 30.0135, 0.3334,
0.3033

■ 25.0580, 0.3466,
0.2901

■ 35.8040, 0.3224,
0.3161

■ 20.8946, 0.3622,
0.2770

■ 42.4619, 0.3132,
0.3284

■ 17.4825, 0.3804,
0.2647

■ 50.0227, 0.3056,
0.3398

■ 14.7757, 0.4011,
0.2542

■ 58.5188, 0.2993,
0.3504

■ 12.7231, 0.4239,
0.2466

■ 67.9808, 0.2941,
0.3601

■ 11.2665, 0.4481,
0.2431

■ 78.4381, 0.2898,
0.3690

■ 10.3375, 0.4725,
0.2446

■ 85.7040, 0.2858,
0.3704

■ 9.8068, 0.4950,
0.2501

■ 86.1748, 0.2813,
0.3603

■ 86.6700, 0.2769,
0.3502

Harmonies

Analogous

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



30.0135, 0.3052, 0.2883



30.0135, 0.3334, 0.3033



30.0135, 0.3567, 0.3247

Triad

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



30.0135, 0.3334, 0.3033



30.0135, 0.3449, 0.3781



30.0135, 0.2606, 0.3061

Complementary

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



30.0135, 0.3334, 0.3033



38.5724, 0.2961, 0.3562

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.



30.0135, 0.2703, 0.3311



30.0135, 0.3334, 0.3033



30.0135, 0.3183, 0.3745

Square

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



30.0135, 0.3334, 0.3033



30.0135, 0.3633, 0.3677



30.0135, 0.2911, 0.3568



30.0135, 0.2641, 0.2889

Rectangle

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



30.0135, 0.3334, 0.3033



30.0135, 0.3658, 0.3403



30.0135, 0.2911, 0.3568



30.0135, 0.2624, 0.3138

Sweetspot

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



30.0148, 0.3334, 0.3033



69.2538, 0.3181, 0.3217



28.6714, 0.2961, 0.2760



15.2263, 0.3187, 0.3209



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.



30.0148, 0.3334, 0.3033



49.2563, 0.3396, 0.2969



29.4628, 0.3522, 0.3282



8.0797, 0.3211, 0.3177



7.0381, 0.4925, 0.2487



0.2069, 0.4276, 0.2129

Inverse Universe

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



30.0148, 0.3334, 0.3033



49.2563, 0.3396, 0.2969



39.2089, 0.2830, 0.3298



8.0797, 0.3211, 0.3177



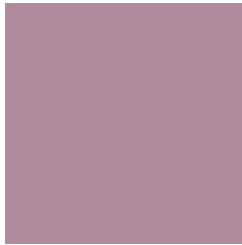
7.0381, 0.4925, 0.2487



0.2069, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 30.0135, 0.3334, 0.3033 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 30.0135, 0.3334, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

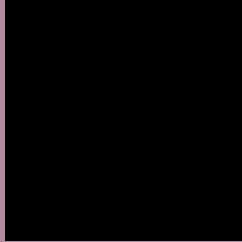
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0135, 0.3334, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 30.0135, 0.3334, 0.3033.



This preview shows how white text looks on a background with the Yxy color 30.0135, 0.3334, 0.3033.

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

30.0135, 0.3334, 0.3033

Protanopia

30.1201, 0.2988, 0.3060

Deuteranopia

30.2282, 0.3187, 0.3125



Tritanopia

29.9892, 0.3385, 0.3131

Trichromacy



Original Color

30.0135, 0.3334, 0.3033

Protanomaly

30.0931, 0.3107, 0.3050

Deuteranomaly

30.1522, 0.3242, 0.3099

Tritanomaly

30.0547, 0.3364, 0.3103

Monochromacy



Original Color

30.0135, 0.3334, 0.3033

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.6741, 0.3194, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0135, 0.3334, 0.3033 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, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(175, 139, 157)  
}
```

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, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 139, 157) }
```

Border

The CSS property to change the border of an element to Yxy 30.0135, 0.3334, 0.3033 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, 139, 157) }
```

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

```
.border{ border-color:rgb(175, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(175, 139,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0135, 0.3334, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 139, 157) }
```

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

```
.background{ background-color: rgb(175,  
139, 157) }
```

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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