

Converting Colors

$Yxy(31.0897, 0.3440, 0.3249)$

Have a look what the booklet for
Yxy(31.0897, 0.3440, 0.3249)
contains.

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Color

Yxy(31.1671, 0.3430, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	AF9093
RGB	175, 144, 147
RGB Percent	69%, 56%, 58%
CMY	0.3138, 0.4352, 0.4236
CMYK	0.00, 0.18, 0.16, 0.31
HSL	354°, 16%, 63%
HSV	354°, 18%, 69%
XYZ	32.9135, 31.1671, 31.8772
YIQ	153.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

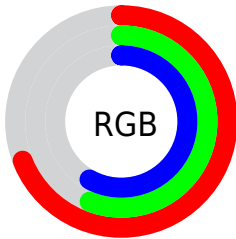
Format	Color
R_{YB}	175, 144, 147
Decimal	11505811
CIE _{Lab}	62.65, 12.11, 2.80
CIE _{LCh}	63, 12.432, 13.012
Yxy	31.1671, 0.3430, 0.3248
Android (android.graphics.Color)	4289695891 (0xFFAF9093)
YUV	153.6110, -3.2592, 18.7582
Hunter-Lab	55.8275, 7.5379, 5.2250

Details

The Yxy color **31.1671, 0.3430, 0.3248** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.5599, 0.2888, 0.3333**, and the grayscale version is **32.1438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5941, 0.3369, 0.3258**, and **13.0060, 0.3523, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **25.8088, 0.3660, 0.3223**, and if you desaturate by 10%, it is **37.4180, 0.3245, 0.3272**.

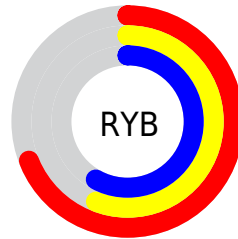
Distribution



Red (69%)

Green (56%)

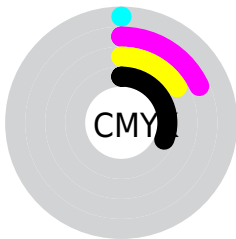
Blue (58%)



Red (69%)

Yellow (56%)

Blue (58%)

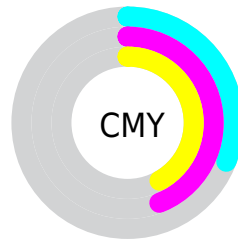


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (31%)



Cyan (31%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1671, 0.3430, 0.3248 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 31.1671, 0.3430, 0.3248 by changing the saturation by 10% instead.


 31.1671, 0.3430,
0.3248

 31.1671, 0.3430,
0.3248


307.3074, 0.3268,
0.3272

 20.7261, 0.3475,
0.3241


 61.5031, 0.3368,
0.3257

 12.9240, 0.3534,
0.3231


 82.1668, 0.3346,
0.3261

 7.3762, 0.3619,
0.3217


107.0070, 0.3327,
0.3263

 3.6985, 0.3748,
0.3194

136.4079, 0.3312,
0.3266

 1.5064, 0.3967,
0.3152

170.7540, 0.3298,
0.3267

 0.2932, 0.5795,
0.2958


210.4297, 0.3287,


 0.0000, 0.0000,


0.3269


0.0000

255.8194, 0.3277,
0.3271


 31.1671, 0.3430,
0.3248


 31.1671, 0.3430,
0.3248


 25.8088, 0.3660,
0.3223

 37.4180, 0.3245,
0.3272


 21.2985, 0.3942,
0.3198


 44.5952, 0.3096,
0.3295


 17.5939, 0.4284,
0.3175

 52.7359, 0.2975,
0.3316

 14.6475, 0.4683,
0.3159

 61.8738, 0.2877,
0.3335

 12.4068, 0.5123,
0.3154

 72.0411, 0.2798,
0.3352

■ 10.8126, 0.5566,
0.3164

■ 83.2685, 0.2732,
0.3367

■ 9.7961, 0.5955,
0.3192

■ 87.8511, 0.2676,
0.3289

■ 9.2507, 0.6235,
0.3232

■ 9.1508, 0.6286,
0.3236

Harmonies

Analogous

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



31.1671, 0.3260, 0.3093



31.1671, 0.3430, 0.3248



31.1671, 0.3517, 0.3418

Triad

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



31.1671, 0.3430, 0.3248



31.1671, 0.3186, 0.3616



31.1671, 0.2771, 0.3011

Complementary

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



31.1671, 0.3430, 0.3248



39.5599, 0.2888, 0.3333

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.



31.1671, 0.2753, 0.3142



31.1671, 0.3430, 0.3248



31.1671, 0.2988, 0.3499

Square

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



31.1671, 0.3430, 0.3248



31.1671, 0.3372, 0.3637



31.1671, 0.2831, 0.3322



31.1671, 0.2881, 0.2957

Rectangle

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



31.1671, 0.3430, 0.3248



31.1671, 0.3514, 0.3519



31.1671, 0.2831, 0.3322



31.1671, 0.2754, 0.3047

Sweetspot

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



31.1685, 0.3430, 0.3248



70.2247, 0.3203, 0.3278



31.8026, 0.3116, 0.2856



15.4185, 0.3214, 0.3277



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.



31.1685, 0.3430, 0.3248



52.1342, 0.3509, 0.3239



35.0365, 0.3431, 0.3468



8.0274, 0.3272, 0.3269



6.5597, 0.6269, 0.3227



0.1864, 0.5777, 0.2956

Inverse Universe

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



31.1685, 0.3430, 0.3248



52.1342, 0.3509, 0.3239



35.0745, 0.2856, 0.3105



8.0274, 0.3272, 0.3269



6.5597, 0.6269, 0.3227



0.1864, 0.5777, 0.2956

Previews

White Background



This preview shows how the Yxy color 31.1671, 0.3430, 0.3248 looks on a white background.

Color Contrast Check

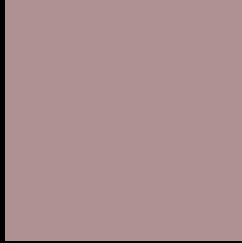
Large Text (above 18pt) WCAG AA × Fail

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 31.1671, 0.3430, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

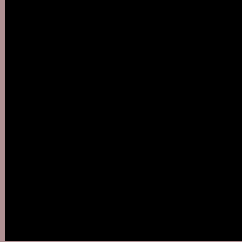
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1671, 0.3430, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 31.1671, 0.3430, 0.3248.



This preview shows how white text looks on a background with the Yxy color 31.1671, 0.3430, 0.3248.

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

31.1671, 0.3430, 0.3248

Protanopia

31.2376, 0.3158, 0.3290

Deuteranopia

31.2676, 0.3359, 0.3305



Tritanopia

31.2081, 0.3370, 0.3134

Trichromacy



Original Color

31.1671, 0.3430, 0.3248

Protanomaly

31.0632, 0.3253, 0.3260

Deuteranomaly

31.2910, 0.3393, 0.3291

Tritanomaly

31.1094, 0.3401, 0.3176

Monochromacy



Original Color

31.1671, 0.3430, 0.3248

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.7284, 0.3241, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1671, 0.3430, 0.3248 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, 144, 147)` looks like.

```
.text, #text, p{  
    color:rgb(175, 144, 147)  
}
```

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, 144, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 144, 147) }
```

Border

The CSS property to change the border of an element to Yxy 31.1671, 0.3430, 0.3248 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, 144, 147) }
```

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

```
.border{ border-color:rgb(175, 144, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 144, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 144, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 144, 147);  
box-shadow:4px 4px 4px 4px rgb(175, 144,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1671, 0.3430, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 144, 147) }
```

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

```
.background{ background-color: rgb(175,  
144, 147) }
```

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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