

Converting Colors

$Yxy(31.6055, 0.3484, 0.3263)$

Have a look what the booklet for
Yxy(31.6055, 0.3484, 0.3263)
contains.

Yxy(31.6055, 0.3484, 0.3263)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.6055, 0.3484, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B39092
RGB	179, 144, 146
RGB Percent	70%, 56%, 57%
CMY	0.2981, 0.4352, 0.4275
CMYK	0.00, 0.20, 0.18, 0.30
HSL	357°, 19%, 63%
HSV	357°, 20%, 70%
XYZ	33.7461, 31.6055, 31.5086
YIQ	154.6930, 20.2180, 8.0420

Conversions

Conversions Part 2

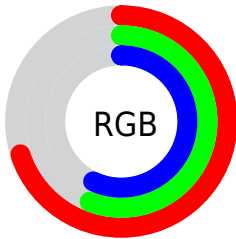
Format	Color
RYB	179, 144, 146
Decimal	11767954
CIELab	63.02, 13.47, 3.95
CIElCh	63, 14.033, 16.331
Yxy	31.6055, 0.3484, 0.3263
Android (android.graphics.Color)	4289958034 (0xFFB39092)
YUV	154.6930, -4.2856, 21.3172
Hunter-Lab	56.2188, 8.7643, 6.1232

Details

The Yxy color **31.6055, 0.3484, 0.3263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3348, 0.2854, 0.3318**, and the grayscale version is **32.6477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2205, 0.3409, 0.3269**, and **13.2856, 0.3602, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **26.1203, 0.3735, 0.3248**, and if you desaturate by 10%, it is **38.0308, 0.3282, 0.3277**.

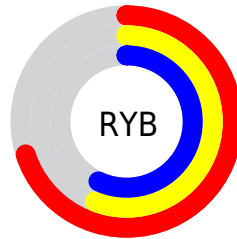
Distribution



Red (70%)

Green (56%)

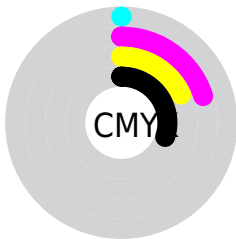
Blue (57%)



Red (70%)

Yellow (56%)

Blue (57%)

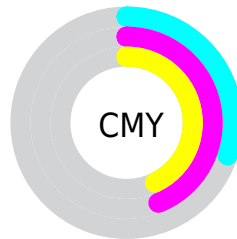


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (30%)



Cyan (30%)


Magenta (44%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.6055, 0.3484, 0.3263 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 31.6055, 0.3484, 0.3263 by changing the saturation by 10% instead.


 31.6055, 0.3484,
0.3263


 31.6055, 0.3484,
0.3263


309.3182, 0.3293,
0.3279

 21.0604, 0.3536,
0.3258


 62.1921, 0.3411,
0.3270

 13.1681, 0.3606,
0.3250


 83.0024, 0.3385,
0.3272

 7.5444, 0.3706,
0.3239


108.0032, 0.3363,
0.3274

 3.8048, 0.3856,
0.3220

137.5788, 0.3345,
0.3275

 1.5650, 0.4110,
0.3182

172.1138, 0.3329,
0.3277

 0.3338, 0.6052,
0.3127


211.9924, 0.3315,


 0.0000, 0.0000,


0.3278


0.0000


257.5991, 0.3304,
0.3279

 31.6055, 0.3484,
0.3263

 31.6055, 0.3484,
0.3263


 26.1203, 0.3735,
0.3248


 38.0308, 0.3282,
0.3277


 21.5269, 0.4042,
0.3234


 45.4327, 0.3120,
0.3291


 17.7797, 0.4413,
0.3222

 53.8511, 0.2990,
0.3303

 14.8268, 0.4840,
0.3215

 63.3225, 0.2885,
0.3314

 12.6111, 0.5299,
0.3215

 73.8815, 0.2799,
0.3324

■ 11.0676, 0.5742,
0.3225

■ 85.5611, 0.2729,
0.3333

■ 10.1200, 0.6101,
0.3246

■ 88.3205, 0.2696,
0.3289

■ 9.6225, 0.6331,
0.3266

■ 9.6026, 0.6339,
0.3266

Harmonies

Analogous

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



31.6055, 0.3301, 0.3087



31.6055, 0.3484, 0.3263



31.6055, 0.3569, 0.3452

Triad

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



31.6055, 0.3484, 0.3263



31.6055, 0.3167, 0.3649



31.6055, 0.2737, 0.2965

Complementary

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



31.6055, 0.3484, 0.3263



41.3348, 0.2854, 0.3318

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.



31.6055, 0.2705, 0.3103



31.6055, 0.3484, 0.3263



31.6055, 0.2948, 0.3506

Square

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



31.6055, 0.3484, 0.3263



31.6055, 0.3381, 0.3684



31.6055, 0.2781, 0.3302



31.6055, 0.2870, 0.2917

Rectangle

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



31.6055, 0.3484, 0.3263



31.6055, 0.3557, 0.3562



31.6055, 0.2781, 0.3302



31.6055, 0.2714, 0.3002

Sweetspot

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



31.6069, 0.3484, 0.3263



72.4826, 0.3223, 0.3282



32.5104, 0.3126, 0.2811



15.8750, 0.3233, 0.3281



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.6069, 0.3484, 0.3263



52.6398, 0.3574, 0.3257



36.4475, 0.3465, 0.3504



8.5128, 0.3278, 0.3278



6.7912, 0.6327, 0.3259



0.2162, 0.6033, 0.3097

Inverse Universe

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



31.6069, 0.3484, 0.3263



52.6398, 0.3574, 0.3257



35.6729, 0.2826, 0.3066



8.5128, 0.3278, 0.3278



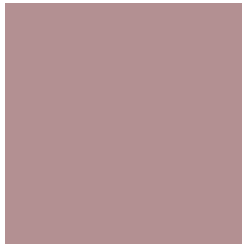
6.7912, 0.6327, 0.3259



0.2162, 0.6033, 0.3097

Previews

White Background



This preview shows how the Yxy color 31.6055, 0.3484, 0.3263 looks on a white background.

Color Contrast Check

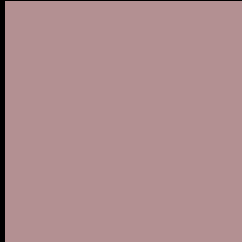
Large Text (above 18pt) WCAG AA × Fail

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 31.6055, 0.3484, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

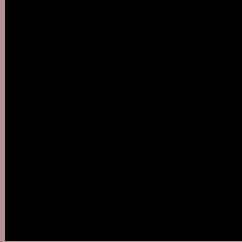
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6055, 0.3484, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 31.6055, 0.3484, 0.3263.



This preview shows how white text looks on a background with the Yxy color 31.6055, 0.3484, 0.3263.

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

31.6055, 0.3484, 0.3263

Protanopia

31.7264, 0.3186, 0.3321

Deuteranopia

31.7702, 0.3388, 0.3335



Tritanopia

31.6813, 0.3413, 0.3136

Trichromacy



Original Color

31.6055, 0.3484, 0.3263

Protanomaly

31.5573, 0.3283, 0.3290

Deuteranomaly

31.7960, 0.3423, 0.3320

Tritanomaly

31.5826, 0.3444, 0.3178

Monochromacy



Original Color

31.6055, 0.3484, 0.3263

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2927, 0.3250, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6055, 0.3484, 0.3263 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(179, 144, 146)` looks like.

```
.text, #text, p{  
    color:rgb(179, 144, 146)  
}
```

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(179, 144, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 144, 146) }
```

Border

The CSS property to change the border of an element to Yxy 31.6055, 0.3484, 0.3263 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(179, 144, 146) }
```

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

```
.border{ border-color:rgb(179, 144, 146) }
```

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

Here you see how a box with a 4 pixel rgb(179, 144, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 144, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 144, 146);  
box-shadow:4px 4px 4px 4px rgb(179, 144,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6055, 0.3484, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 144, 146) }
```

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

```
.background{ background-color: rgb(179,  
144, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor