

Converting Colors

$Yxy(31.0724, 0.3301, 0.3366)$

Have a look what the booklet for
Yxy(31.0724, 0.3301, 0.3366)
contains.

Yxy(31.0856, 0.3301, 0.3366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.0856, 0.3301, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	A19590
RGB	161, 149, 144
RGB Percent	63%, 58%, 56%
CMY	0.3685, 0.4157, 0.4353
CMYK	0.00, 0.07, 0.11, 0.37
HSL	18°, 8%, 60%
HSV	18°, 11%, 63%
XYZ	30.4853, 31.0856, 30.7808
YIQ	152.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

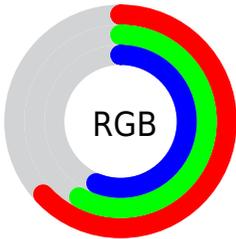
Format	Color
RYB	161, 151, 144
Decimal	10589584
CIELab	62.58, 3.55, 4.22
CIElCh	63, 5.517, 49.918
Yxy	31.0856, 0.3301, 0.3366
Android (android.graphics.Color)	4288779664 (0xFFA19590)
YUV	152.0180, -3.9529, 7.8772
Hunter-Lab	55.7545, 0.0296, 6.2954

Details

The Yxy color **31.0856, 0.3301, 0.3366** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2989, 0.2968, 0.3213**, and the grayscale version is **31.4247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3880, 0.3265, 0.3348**, and **12.7947, 0.3351, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **27.1997, 0.3497, 0.3443**, and if you desaturate by 10%, it is **35.3970, 0.3136, 0.3294**.

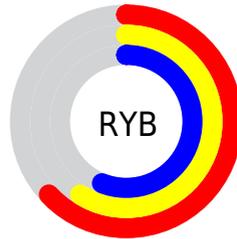
Distribution



Red (63%)

Green (58%)

Blue (56%)



Red (63%)

Yellow (59%)

Blue (56%)

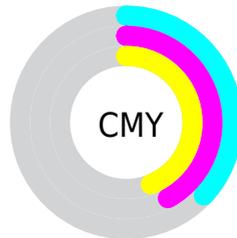


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0856, 0.3301, 0.3366 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 31.0856, 0.3301, 0.3366 by changing the saturation by 10% instead.

 31.0856, 0.3301,
0.3366

 31.0856, 0.3301,
0.3366

306.9325, 0.3208,
0.3326

 20.6640, 0.3327,
0.3377

 61.3748, 0.3266,
0.3351

 12.8786, 0.3361,
0.3391

 82.0113, 0.3253,
0.3345

 7.3450, 0.3409,
0.3411

106.8215, 0.3242,
0.3341

 3.6788, 0.3483,
0.3440

136.1898, 0.3233,
0.3337

 1.4956, 0.3610,
0.3488

170.5007, 0.3225,
0.3334

 0.2856, 0.5430,
0.4330

210.1385, 0.3219,

 0.0000, 0.0000,

0.3331

0.0000

255.4876, 0.3213,
0.3328

■ 31.0856, 0.3301,
0.3366

■ 31.0856, 0.3301,
0.3366

■ 27.1997, 0.3497,
0.3443

■ 35.3970, 0.3136,
0.3294

■ 23.7222, 0.3728,
0.3522

■ 40.1422, 0.2997,
0.3227

■ 20.6406, 0.3997,
0.3601

■ 45.3345, 0.2879,
0.3166

■ 17.9407, 0.4307,
0.3674

■ 50.9854, 0.2779,
0.3110

■ 15.6068, 0.4651,
0.3732

■ 57.1059, 0.2694,
0.3059

■ 13.6225, 0.5016,
0.3766

■ 63.7066, 0.2621,
0.3013

■ 11.9698, 0.5378,
0.3765

■ 70.6858, 0.2567,
0.2990

■ 10.6291, 0.5703,
0.3719

■ 77.1871, 0.2586,
0.3122

■ 9.6251, 0.5962,
0.3648

■ 84.1094, 0.2605,
0.3250

Harmonies

Analogous

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



31.0856, 0.3274, 0.3291



31.0856, 0.3301, 0.3366



31.0856, 0.3281, 0.3423

Triad

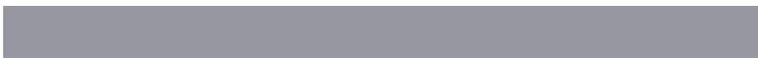
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.0856, 0.3301, 0.3366



31.0856, 0.3048, 0.3366



31.0856, 0.3034, 0.3140

Complementary

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



31.0856, 0.3301, 0.3366



32.2989, 0.2968, 0.3213

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.



31.0856, 0.2975, 0.3157



31.0856, 0.3301, 0.3366



31.0856, 0.2983, 0.3287

Square

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



31.0856, 0.3301, 0.3366



31.0856, 0.3134, 0.3424



31.0856, 0.2957, 0.3211



31.0856, 0.3119, 0.3161

Rectangle

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



31.0856, 0.3301, 0.3366



31.0856, 0.3244, 0.3442



31.0856, 0.2957, 0.3211



31.0856, 0.3011, 0.3141

Sweetspot

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



31.0870, 0.3301, 0.3366



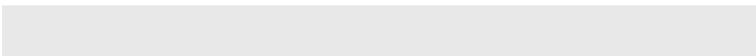
61.3751, 0.3174, 0.3311



29.9368, 0.3186, 0.3107



13.3261, 0.3187, 0.3317



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



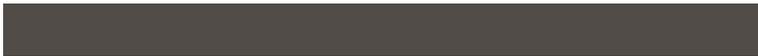
31.0870, 0.3301, 0.3366



53.7161, 0.3350, 0.3386



33.8266, 0.3287, 0.3490



7.4081, 0.3278, 0.3356



7.7465, 0.5947, 0.3660



0.2406, 0.5282, 0.4188

Inverse Universe

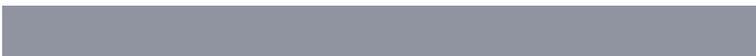
The Inverse Universe completely reimagines the original color for something new.



32.2989, 0.2968, 0.3213



56.3835, 0.2928, 0.3192



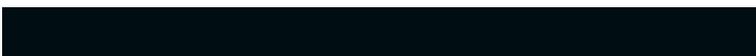
29.5890, 0.2966, 0.3082



7.6594, 0.2987, 0.3223



11.7168, 0.1980, 0.2327



0.3215, 0.2088, 0.2717

Previews

White Background



This preview shows how the Yxy color 31.0856, 0.3301, 0.3366 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 31.0856, 0.3301, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

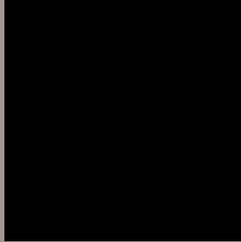
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

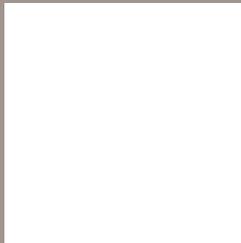
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.0856, 0.3301, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 31.0856, 0.3301, 0.3366.



This preview shows how white text looks on a background with the Yxy color 31.0856, 0.3301, 0.3366.

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

31.0856, 0.3301, 0.3366

Protanopia

31.2455, 0.3235, 0.3382

Deuteranopia

31.0371, 0.3382, 0.3306



Tritanopia

31.1226, 0.3186, 0.3127

Trichromacy



Original Color

31.0856, 0.3301, 0.3366

Protanomaly

31.1261, 0.3258, 0.3367

Deuteranomaly

31.0188, 0.3347, 0.3320

Tritanomaly

31.1611, 0.3224, 0.3216

Monochromacy



Original Color

31.0856, 0.3301, 0.3366

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2717, 0.3187, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0856, 0.3301, 0.3366 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(161, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(161, 149, 144)  
}
```

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(161, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 149, 144) }
```

Border

The CSS property to change the border of an element to Yxy 31.0856, 0.3301, 0.3366 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(161, 149, 144) }
```

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

```
.border{ border-color:rgb(161, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(161, 149,  
144) }
```

Background

The CSS property to change the background color of an element to Yxy 31.0856, 0.3301, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 149, 144) }
```

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

```
.background{ background-color: rgb(161,  
149, 144) }
```

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