

Converting Colors

Yxy(31.2015, 0.4393, 0.3548)

Have a look what the booklet for
Yxy(31.2015, 0.4393, 0.3548)
contains.

Yxy(31.2303, 0.4385, 0.3549)	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(31.2303, 0.4385, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	D7816C
RGB	215, 129, 108
RGB Percent	84%, 51%, 42%
CMY	0.1568, 0.4942, 0.5765
CMYK	0.00, 0.40, 0.50, 0.16
HSL	12°, 57%, 63%
HSV	12°, 50%, 84%
XYZ	38.5869, 31.2303, 18.1803
YIQ	152.3200, 57.9970, 11.7010

Conversions

Conversions Part 2

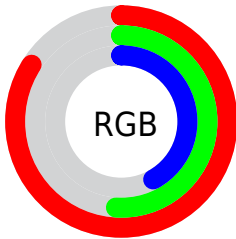
Format	Color
R _Y B	215, 134, 108
Decimal	14123372
CIE Lab	62.70, 31.00, 25.56
CIE LCh	63, 40.178, 39.509
Yxy	31.2303, 0.4385, 0.3549
Android (android.graphics.Color)	4292313452 (0xFFD7816C)
YUV	152.3200, -21.8498, 54.9704
Hunter-Lab	55.8841, 25.4537, 19.8306

Details

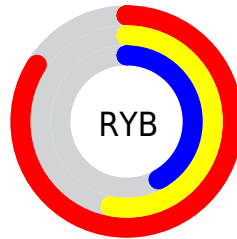
The Yxy color **31.2303, 0.4385, 0.3549** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.6928, 0.2423, 0.2997**, and the grayscale version is **31.6228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6650, 0.3954, 0.3534**, and **12.9431, 0.4813, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **26.6546, 0.4775, 0.3586**, and if you desaturate by 10%, it is **36.6923, 0.4040, 0.3500**.

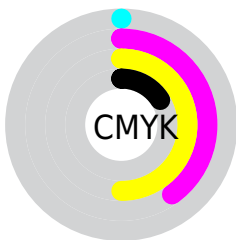
Distribution



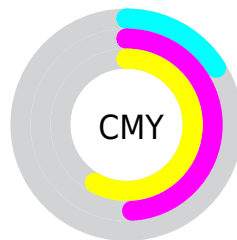
- Red (84%)
- Green (51%)
- Blue (42%)



- Red (84%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (40%)
- Yellow (50%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.2303, 0.4385, 0.3549 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 31.2303, 0.4385, 0.3549 by changing the saturation by 10% instead.


 31.2303, 0.4385,
0.3549


 31.2303, 0.4385,
0.3549


307.5979, 0.3710,
0.3444


 20.7743, 0.4566,
0.3563


 61.6025, 0.4130,
0.3519

 12.9591, 0.4803,
0.3573

 82.2874, 0.4037,
0.3505

 7.4004, 0.5125,
0.3567


 107.1508, 0.3960,
0.3492

 3.7137, 0.5580,
0.3520

 136.5770, 0.3894,
0.3481

 1.5148, 0.6502,
0.3498

170.9504, 0.3838,
0.3470

 0.2991, 0.7795,
0.2205

210.6554, 0.3790,

 0.0000, 0.0000,

0.3461

0.0000

256.0765, 0.3748,
0.3452

■ 31.2303, 0.4385,
0.3549

■ 31.2303, 0.4385,
0.3549

■ 26.6546, 0.4775,
0.3586

■ 36.6923, 0.4040,
0.3500

■ 22.9133, 0.5191,
0.3602

■ 43.0793, 0.3745,
0.3446

■ 19.9561, 0.5597,
0.3587


■ 50.4338, 0.3498,
0.3391

■ 17.7252, 0.5943,
0.3537

■ 58.7939, 0.3293,
0.3338


■ 16.1486, 0.6193,
0.3462

■ 68.1957, 0.3124,
0.3289

 16.1197, 0.6198,
0.3461

 78.6737, 0.2984,
0.3244

 90.0321, 0.2887,
0.3238

 93.1910, 0.2889,
0.3289

Harmonies

Analogous

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



31.2303, 0.4060, 0.3067



31.2303, 0.4385, 0.3549



31.2303, 0.4321, 0.4025

Triad

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



31.2303, 0.4385, 0.3549



31.2303, 0.2724, 0.4078



31.2303, 0.2313, 0.2296

Complementary

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



31.2303, 0.4385, 0.3549



46.6928, 0.2423, 0.2997

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.



31.2303, 0.2038, 0.2435



31.2303, 0.4385, 0.3549



31.2303, 0.2249, 0.3435

Square

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



31.2303, 0.4385, 0.3549



31.2303, 0.3337, 0.4441



31.2303, 0.2014, 0.2825



31.2303, 0.2814, 0.2381

Rectangle

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



31.2303, 0.4385, 0.3549



31.2303, 0.4086, 0.4286



31.2303, 0.2014, 0.2825



31.2303, 0.2194, 0.2316

Sweetspot

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



31.2319, 0.4385, 0.3549



79.7043, 0.3398, 0.3366



29.1338, 0.3392, 0.2283



16.5096, 0.3443, 0.3378



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.2319, 0.4385, 0.3549



38.7253, 0.4808, 0.3588



48.6356, 0.4042, 0.4157



12.8112, 0.3286, 0.3336



9.7576, 0.6175, 0.3479



0.7058, 0.5846, 0.3740

Inverse Universe

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



46.6928, 0.2423, 0.2997



63.8883, 0.2308, 0.2922



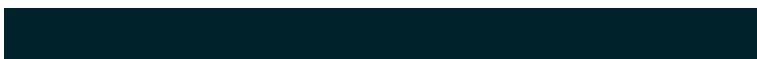
27.4085, 0.2274, 0.2217



13.6746, 0.2983, 0.3243



20.9215, 0.2070, 0.2652



1.3700, 0.2104, 0.2774

Previews

White Background



This preview shows how the Yxy color 31.2303, 0.4385, 0.3549 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 31.2303, 0.4385, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

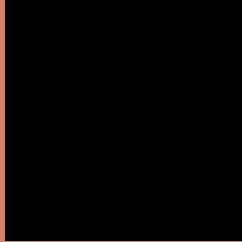
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2303, 0.4385, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 31.2303, 0.4385, 0.3549.



This preview shows how white text looks on a background with the Yxy color 31.2303, 0.4385, 0.3549.

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

31.2303, 0.4385, 0.3549

Protanopia

31.4459, 0.3563, 0.3811

Deuteranopia

31.5228, 0.3946, 0.3873



Tritanopia

31.1402, 0.4114, 0.3183

Trichromacy



Original Color

31.2303, 0.4385, 0.3549

Protanomaly

30.9852, 0.3851, 0.3721

Deuteranomaly

31.2661, 0.4106, 0.3751

Tritanomaly

31.0013, 0.4210, 0.3305

Monochromacy



Original Color

31.2303, 0.4385, 0.3549

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8381, 0.3547, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2303, 0.4385, 0.3549 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(215, 129, 108)` looks like.

```
.text, #text, p{  
    color:rgb(215, 129, 108)  
}
```

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(215, 129, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 129, 108) }
```

Border

The CSS property to change the border of an element to Yxy 31.2303, 0.4385, 0.3549 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(215, 129, 108) }
```

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

```
.border{ border-color:rgb(215, 129, 108) }
```

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

Here you see how a box with a 4 pixel rgb(215, 129, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 129, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 129, 108);  
box-shadow:4px 4px 4px 4px rgb(215, 129,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2303, 0.4385, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 129, 108) }
```

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

```
.background{ background-color: rgb(215,  
129, 108) }
```

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