

Converting Colors

Yxy(31.0456, 0.4401, 0.3515)

Have a look what the booklet for
Yxy(31.0456, 0.4401, 0.3515)
contains.

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Color

Yxy(31.0346, 0.4408, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	D97F6D
RGB	217, 127, 109
RGB Percent	85%, 50%, 43%
CMY	0.1490, 0.5019, 0.5727
CMYK	0.00, 0.41, 0.50, 0.15
HSL	10°, 59%, 64%
HSV	10°, 50%, 85%
XYZ	38.9634, 31.0346, 18.3945
YIQ	151.8580, 59.4180, 13.4820

Conversions

Conversions Part 2

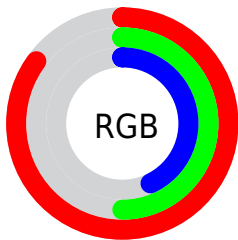
Format	Color
R _Y B	217, 131, 109
Decimal	14253933
CIE Lab	62.54, 32.91, 24.85
CIE LCh	63, 41.235, 37.053
Yxy	31.0346, 0.4408, 0.3511
Android (android.graphics.Color)	4292444013 (0xFFD97F6D)
YUV	151.8580, -21.1290, 57.1295
Hunter-Lab	55.7087, 27.3550, 19.4191

Details

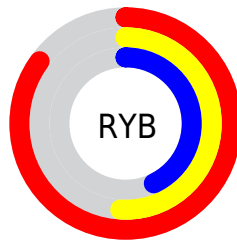
The Yxy color **31.0346, 0.4408, 0.3511** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.0850, 0.2432, 0.3042**, and the grayscale version is **31.4086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8810, 0.3953, 0.3503**, and **12.8767, 0.4847, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **26.3673, 0.4810, 0.3542**, and if you desaturate by 10%, it is **36.6580, 0.4053, 0.3470**.

Distribution



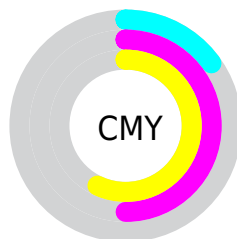
- Red (85%)
- Green (50%)
- Blue (43%)



- Red (85%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (15%)





- Cyan (15%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0346, 0.4408, 0.3511 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 31.0346, 0.4408, 0.3511 by changing the saturation by 10% instead.


 31.0346, 0.4408,
0.3511


 31.0346, 0.4408,
0.3511


306.6977, 0.3720,
0.3427


 20.6252, 0.4593,
0.3520

 61.2945, 0.4148,
0.3489

 12.8503, 0.4836,
0.3522


 81.9139, 0.4053,
0.3477

 7.3256, 0.5166,
0.3507


 106.7053, 0.3974,
0.3467

 3.6665, 0.5633,
0.3446

 136.0532, 0.3907,
0.3458

 1.4888, 0.6594,
0.3406

170.3420, 0.3850,
0.3449

 0.2808, 0.7954,
0.2046

209.9561, 0.3801,

 0.0000, 1.0000,

0.3441

0.0000

255.2799, 0.3758,
0.3433

0.0000, 0.0000,
0.0000

31.0346, 0.4408,
0.3511

31.0346, 0.4408,
0.3511

26.3673, 0.4810,
0.3542

36.6580, 0.4053,
0.3470

22.5978, 0.5238,
0.3553

43.2820, 0.3752,
0.3423

19.6691, 0.5652,
0.3537

50.9540, 0.3501,
0.3376

17.5149, 0.6000,
0.3490

59.7168, 0.3294,
0.3331

16.0530, 0.6242,
0.3424

69.6112, 0.3124,
0.3289

 16.0282, 0.6246,
0.3422

 80.6754, 0.2984,
0.3251

 92.5625, 0.2899,
0.3274

 93.4917, 0.2900,
0.3289

Harmonies

Analogous

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



31.0346, 0.4044, 0.3021



31.0346, 0.4408, 0.3511



31.0346, 0.4373, 0.4003

Triad

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



31.0346, 0.4408, 0.3511



31.0346, 0.2760, 0.4149



31.0346, 0.2259, 0.2274

Complementary

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



31.0346, 0.4408, 0.3511



49.0850, 0.2432, 0.3042

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.



31.0346, 0.2000, 0.2435



31.0346, 0.4408, 0.3511



31.0346, 0.2257, 0.3495

Square

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



31.0346, 0.4408, 0.3511



31.0346, 0.3393, 0.4487



31.0346, 0.1996, 0.2854



31.0346, 0.2755, 0.2344

Rectangle

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



31.0346, 0.4408, 0.3511



31.0346, 0.4147, 0.4282



31.0346, 0.1996, 0.2854



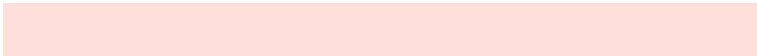
31.0346, 0.2145, 0.2300

Sweetspot

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



31.0362, 0.4408, 0.3511



79.1062, 0.3400, 0.3355



29.8047, 0.3372, 0.2264



16.3673, 0.3445, 0.3365



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.



31.0362, 0.4408, 0.3511



37.5417, 0.4842, 0.3543



48.8979, 0.4053, 0.4138



13.4012, 0.3287, 0.3330



9.8068, 0.6227, 0.3438



0.7449, 0.5936, 0.3669

Inverse Universe

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



49.0850, 0.2432, 0.3042



66.3302, 0.2320, 0.2979



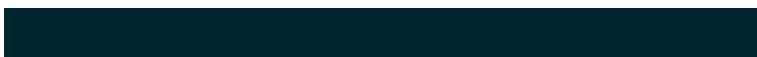
28.5024, 0.2278, 0.2243



14.4400, 0.2982, 0.3250



23.1121, 0.2098, 0.2751



1.5977, 0.2125, 0.2848

Previews

White Background



This preview shows how the Yxy color 31.0346, 0.4408, 0.3511 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 31.0346, 0.4408, 0.3511 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 31.0346, 0.4408, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 31.0346, 0.4408, 0.3511.



This preview shows how white text looks on a background with the Yxy color 31.0346, 0.4408, 0.3511.

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

31.0346, 0.4408, 0.3511

Protanopia

31.0664, 0.3536, 0.3768

Deuteranopia

31.1152, 0.3930, 0.3848



Tritanopia

31.1688, 0.4153, 0.3184

Trichromacy



Original Color

31.0346, 0.4408, 0.3511

Protanomaly

30.4307, 0.3840, 0.3665

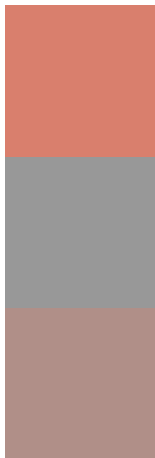
Deuteranomaly

30.7078, 0.4108, 0.3711

Tritanomaly

31.0279, 0.4249, 0.3305

Monochromacy



Original Color

31.0346, 0.4408, 0.3511

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.6526, 0.3561, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0346, 0.4408, 0.3511 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(217, 127, 109)` looks like.

```
.text, #text, p{  
    color:rgb(217, 127, 109)  
}
```

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(217, 127, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 127, 109) }
```

Border

The CSS property to change the border of an element to Yxy 31.0346, 0.4408, 0.3511 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(217, 127, 109) }
```

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

```
.border{ border-color:rgb(217, 127, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 127, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 127, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 127, 109);  
box-shadow:4px 4px 4px 4px rgb(217, 127,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0346, 0.4408, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 127, 109) }
```

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

```
.background{ background-color: rgb(217,  
127, 109) }
```

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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