

Converting Colors

$Y_{xy}(31.0155, 0.4326, 0.3440)$

Have a look what the booklet for
Yxy(31.0155, 0.4326, 0.3440)
contains.

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Color

Yxy(31.0155, 0.4326, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	D87F73
RGB	216, 127, 115
RGB Percent	85%, 50%, 45%
CMY	0.1529, 0.5020, 0.5491
CMYK	0.00, 0.41, 0.47, 0.15
HSL	7°, 56%, 65%
HSV	7°, 47%, 85%
XYZ	39.0038, 31.0155, 20.1420
YIQ	152.2430, 56.8960, 15.1360

Conversions

Conversions Part 2

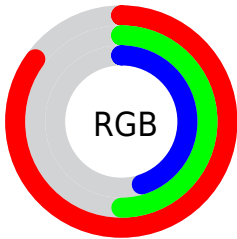
Format	Color
R _Y B	216, 129, 115
Decimal	14188403
CIE Lab	62.52, 33.11, 21.42
CIE LCh	63, 39.433, 32.906
Yxy	31.0155, 0.4326, 0.3440
Android (android.graphics.Color)	4292378483 (0xFFD87F73)
YUV	152.2430, -18.3608, 55.9149
Hunter-Lab	55.6916, 27.5529, 17.5406

Details

The Yxy color **31.0155, 0.4326, 0.3440** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.7779, 0.2478, 0.3126**, and the grayscale version is **31.5723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0978, 0.3900, 0.3440**, and **12.8432, 0.4732, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **26.1169, 0.4732, 0.3464**, and if you desaturate by 10%, it is **36.9620, 0.3974, 0.3409**.

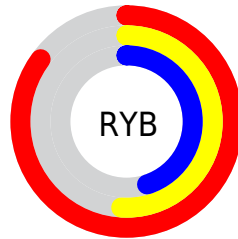
Distribution



Red (85%)

Green (50%)

Blue (45%)



Red (85%)

Yellow (51%)

Blue (45%)

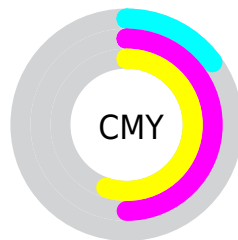


Cyan (0%)

Magenta (41%)

Yellow (47%)

Black (15%)



Cyan (15%)


Magenta (50%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0155, 0.4326, 0.3440 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 31.0155, 0.4326, 0.3440 by changing the saturation by 10% instead.


 31.0155, 0.4326,
0.3440


 31.0155, 0.4326,
0.3440


306.6097, 0.3681,
0.3388


 20.6107, 0.4501,
0.3443


 61.2645, 0.4081,
0.3428

 12.8397, 0.4732,
0.3439


 81.8774, 0.3992,
0.3421

 7.3183, 0.5049,
0.3418


 106.6618, 0.3918,
0.3415

 3.6619, 0.5506,
0.3357

136.0020, 0.3856,
0.3409

 1.4863, 0.6586,
0.3388

170.2826, 0.3803,
0.3403

 0.2791, 0.7970,
0.2030

209.8878, 0.3756,


 0.0000, 1.0000,


0.3397


0.0000


255.2020, 0.3716,
0.3392

 0.0000, 0.0000,
0.0000

 31.0155, 0.4326,
0.3440


 31.0155, 0.4326,
0.3440


 26.1169, 0.4732,
0.3464


 36.9620, 0.3974,
0.3409


 22.2008, 0.5173,
0.3475


 44.0074, 0.3680,
0.3375


 19.2019, 0.5612,
0.3466


 52.2051, 0.3437,
0.3342


 17.0448, 0.5989,
0.3435

 61.6035, 0.3240,
0.3310

 15.6411, 0.6248,
0.3385

 72.2485, 0.3079,
0.3281

 15.3269, 0.6310,
0.3372

 84.1832, 0.2947,
0.3254

 93.3405, 0.2894,
0.3289

Harmonies

Analogous

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



31.0155, 0.3931, 0.2973



31.0155, 0.4326, 0.3440



31.0155, 0.4349, 0.3918

Triad

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



31.0155, 0.4326, 0.3440



31.0155, 0.2858, 0.4176



31.0155, 0.2245, 0.2320

Complementary

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



31.0155, 0.4326, 0.3440



51.7779, 0.2478, 0.3126

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.



31.0155, 0.2027, 0.2512



31.0155, 0.4326, 0.3440



31.0155, 0.2347, 0.3580

Square

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



31.0155, 0.4326, 0.3440



31.0155, 0.3471, 0.4443



31.0155, 0.2059, 0.2950



31.0155, 0.2694, 0.2358

Rectangle

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



31.0155, 0.4326, 0.3440



31.0155, 0.4163, 0.4196



31.0155, 0.2059, 0.2950



31.0155, 0.2145, 0.2357

Sweetspot

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



31.0171, 0.4326, 0.3440



79.4603, 0.3381, 0.3333



31.2261, 0.3300, 0.2271



16.3984, 0.3427, 0.3340



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.



31.0171, 0.4326, 0.3440



38.1881, 0.4721, 0.3464



47.3924, 0.4018, 0.4035



12.6566, 0.3288, 0.3318



9.1535, 0.6293, 0.3385



0.6332, 0.6041, 0.3585

Inverse Universe

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



51.7779, 0.2478, 0.3126



71.8259, 0.2378, 0.3086



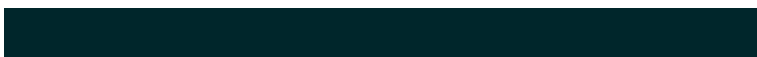
31.6150, 0.2346, 0.2395



13.8437, 0.2983, 0.3261



24.9099, 0.2142, 0.2912



1.5753, 0.2162, 0.2983

Previews

White Background



This preview shows how the Yxy color 31.0155, 0.4326, 0.3440 looks on a white background.

Color Contrast Check

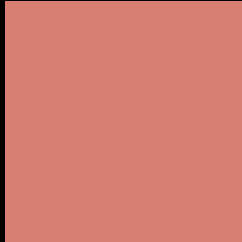
Large Text (above 18pt) WCAG AA × Fail

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 31.0155, 0.4326, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

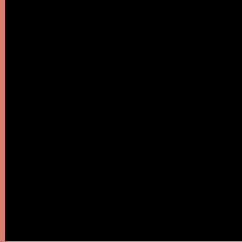
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0155, 0.4326, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 31.0155, 0.4326, 0.3440.



This preview shows how white text looks on a background with the Yxy color 31.0155, 0.4326, 0.3440.

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

31.0155, 0.4326, 0.3440

Protanopia

31.1132, 0.3465, 0.3676

Deuteranopia

31.0044, 0.3845, 0.3768



Tritanopia

30.8605, 0.4132, 0.3183

Trichromacy



Original Color

31.0155, 0.4326, 0.3440

Protanomaly

30.4544, 0.3763, 0.3580

Deuteranomaly

30.5757, 0.4019, 0.3635

Tritanomaly

30.9253, 0.4214, 0.3281

Monochromacy



Original Color

31.0155, 0.4326, 0.3440

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.6230, 0.3518, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0155, 0.4326, 0.3440 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(216, 127, 115)` looks like.

```
.text, #text, p{  
    color:rgb(216, 127, 115)  
}
```

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(216, 127, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 127, 115) }
```

Border

The CSS property to change the border of an element to Yxy 31.0155, 0.4326, 0.3440 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(216, 127, 115) }
```

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

```
.border{ border-color:rgb(216, 127, 115) }
```

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

Here you see how a box with a 4 pixel rgb(216, 127, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 127, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 127, 115);  
box-shadow:4px 4px 4px 4px rgb(216, 127,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0155, 0.4326, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 127, 115) }
```

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

```
.background{ background-color: rgb(216,  
127, 115) }
```

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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