

Converting Colors

$Y_{xy}(30.0671, 0.4539, 0.3480)$

Have a look what the booklet for
Yxy(30.0671, 0.4539, 0.3480)
contains.

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Color

Yxy(30.0668, 0.4539, 0.3481)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD7969 |
| RGB | 221, 121, 105 |
| RGB Percent | 87%, 47%, 41% |
| CMY | 0.1333, 0.5255, 0.5882 |
| CMYK | 0.00, 0.45, 0.52, 0.13 |
| HSL | 8°, 63%, 64% |
| HSV | 8°, 52%, 87% |
| XYZ | 39.2052, 30.0668, 17.1021 |
| YIQ | 149.0760, 64.7360, 16.2240 |

Conversions

Conversions Part 2

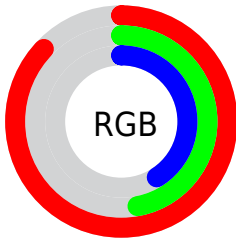
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 124, 105 |
| Decimal | 14514537 |
| CIE Lab | 61.71, 37.23, 26.08 |
| CIE LCh | 62, 45.455, 35.007 |
| Yxy | 30.0668, 0.4539, 0.3481 |
| Android (android.graphics.Color) | 4292704617 (0xFFDD7969) |
| YUV | 149.0760, -21.7295, 63.0773 |
| Hunter-Lab | 54.8332, 31.6676, 19.8911 |

Details

The Yxy color **30.0668, 0.4539, 0.3481** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **51.8812, 0.2411, 0.3072**, and the grayscale version is **30.1625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3202, 0.4023, 0.3493**, and **12.3672, 0.5005, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **25.4892, 0.4962, 0.3502**, and if you desaturate by 10%, it is **35.6798, 0.4160, 0.3449**.

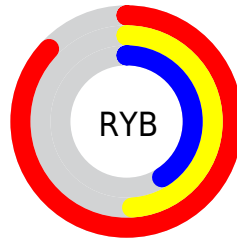
Distribution



Red (87%)

Green (47%)

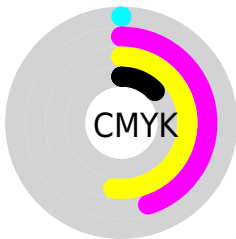
Blue (41%)



Red (87%)

Yellow (49%)

Blue (41%)

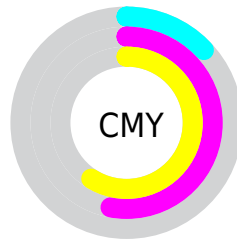


Cyan (0%)

Magenta (45%)

Yellow (52%)

Black (13%)



Cyan (13%)


Magenta (53%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0668, 0.4539, 0.3481 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 30.0668, 0.4539, 0.3481 by changing the saturation by 10% instead.


 30.0668, 0.4539,
0.3481


 30.0668, 0.4539,
0.3481


302.2157, 0.3778,
0.3419


 19.8893, 0.4743,
0.3481


 59.7678, 0.4251,
0.3469


 12.3146, 0.5012,
0.3470


 80.0601, 0.4146,
0.3461

 6.9583, 0.5376,
0.3433


 104.4928, 0.4059,
0.3453

 3.4360, 0.5890,
0.3338

 133.4502, 0.3985,
0.3445

 1.3634, 0.6820,
0.3180

167.3168, 0.3922,
0.3438

 0.1895, 0.8546,
0.1454

206.4770, 0.3867,

 0.0000, 1.0000,

0.3431


0.0000

251.3152, 0.3820,
0.3425


 0.0000, 0.0000,
0.0000


 30.0668, 0.4539,
0.3481


 30.0668, 0.4539,
0.3481


 25.4892, 0.4962,
0.3502


 35.6798, 0.4160,
0.3449


 21.8789, 0.5403,
0.3503


 42.3816, 0.3837,
0.3411

 19.1669, 0.5811,
0.3480

 50.2273, 0.3568,
0.3372

 17.2730, 0.6127,
0.3431

 59.2670, 0.3347,
0.3334

 16.3254, 0.6289,
0.3389

 69.5479, 0.3167,
0.3298

■ 81.1146, 0.3019,
0.3266

■ 93.7029, 0.2923,
0.3283

■ 94.1115, 0.2923,
0.3289

Harmonies

Analogous

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



30.0668, 0.4107, 0.2954



30.0668, 0.4539, 0.3481



30.0668, 0.4521, 0.4024

Triad

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



30.0668, 0.4539, 0.3481



30.0668, 0.2757, 0.4300



30.0668, 0.2144, 0.2177

Complementary

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



30.0668, 0.4539, 0.3481



51.8812, 0.2411, 0.3072

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.



30.0668, 0.1882, 0.2364



30.0668, 0.4539, 0.3481



30.0668, 0.2193, 0.3567

Square

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



30.0668, 0.4539, 0.3481



30.0668, 0.3458, 0.4640



30.0668, 0.1894, 0.2838



30.0668, 0.2667, 0.2241

Rectangle

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



30.0668, 0.4539, 0.3481



30.0668, 0.4280, 0.4347



30.0668, 0.1894, 0.2838



30.0668, 0.2027, 0.2210

Sweetspot

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



30.0684, 0.4539, 0.3481



77.2226, 0.3423, 0.3348



29.9086, 0.3347, 0.2178



15.9712, 0.3468, 0.3356



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.



30.0684, 0.4539, 0.3481



34.6852, 0.5007, 0.3503



48.4176, 0.4137, 0.4140



13.3398, 0.3288, 0.3323



9.5802, 0.6270, 0.3404



0.7160, 0.6008, 0.3612

Inverse Universe

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



51.8812, 0.2411, 0.3072



67.8005, 0.2306, 0.3019



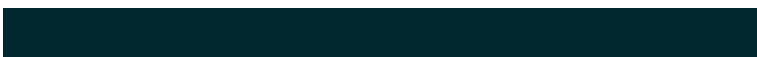
29.2573, 0.2241, 0.2231



14.5071, 0.2982, 0.3257



24.6771, 0.2125, 0.2849



1.6850, 0.2147, 0.2928

Previews

White Background



This preview shows how the Yxy color 30.0668, 0.4539, 0.3481 looks on a white background.

Color Contrast Check

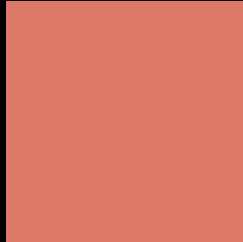
Large Text (above 18pt) WCAG AA × Fail

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 30.0668, 0.4539, 0.3481 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 30.0668, 0.4539, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 30.0668, 0.4539, 0.3481.



This preview shows how white text looks on a background with the Yxy color 30.0668, 0.4539, 0.3481.

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

30.0668, 0.4539, 0.3481

Protanopia

30.1502, 0.3551, 0.3789

Deuteranopia

30.1682, 0.3972, 0.3896



Tritanopia

30.1512, 0.4316, 0.3199

Trichromacy



Original Color

30.0668, 0.4539, 0.3481

Protanomaly

29.6026, 0.3900, 0.3664

Deuteranomaly

29.7566, 0.4183, 0.3737

Tritanomaly

30.0313, 0.4402, 0.3306

Monochromacy



Original Color

30.0668, 0.4539, 0.3481

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.2727, 0.3596, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0668, 0.4539, 0.3481 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(221, 121, 105)` looks like.

```
.text, #text, p{  
    color:rgb(221, 121, 105)  
}
```

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(221, 121, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 121, 105) }
```

Border

The CSS property to change the border of an element to Yxy 30.0668, 0.4539, 0.3481 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(221, 121, 105) }
```

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

```
.border{ border-color:rgb(221, 121, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 121, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 121, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 121, 105);  
box-shadow:4px 4px 4px 4px rgb(221, 121,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0668, 0.4539, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 121, 105) }
```

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

```
.background{ background-color: rgb(221,  
121, 105) }
```

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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