

Converting Colors

Yxy(63.0313, 0.3319, 0.3471)

Have a look what the booklet for
Yxy(63.0313, 0.3319, 0.3471)
contains.

Yxy(63.1389, 0.3319, 0.3474)	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(63.1389, 0.3319, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	D9CFBF
RGB	217, 207, 191
RGB Percent	85%, 81%, 75%
CMY	0.1492, 0.1882, 0.2511
CMYK	0.00, 0.05, 0.12, 0.15
HSL	37°, 25%, 80%
HSV	37°, 12%, 85%
XYZ	60.3218, 63.1389, 58.2863
YIQ	208.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

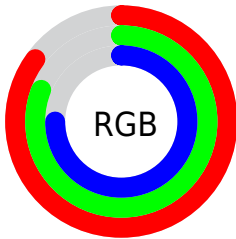
Format	Color
R _Y B	207, 217, 191
Decimal	14274495
CIE Lab	83.52, 0.74, 9.19
CIE LCh	84, 9.216, 85.408
Yxy	63.1389, 0.3319, 0.3474
Android (android.graphics.Color)	4292464575 (0xFFD9CFBF)
YUV	208.1660, -8.4628, 7.7474
Hunter-Lab	79.4600, -3.5472, 12.1310

Details

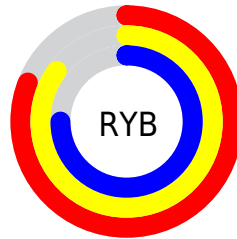
The Yxy color **63.1389, 0.3319, 0.3474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8200, 0.2941, 0.3099**, and the grayscale version is **63.2381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **32.2988, 0.3363, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **58.3374, 0.3499, 0.3636**, and if you desaturate by 10%, it is **68.2991, 0.3157, 0.3319**.

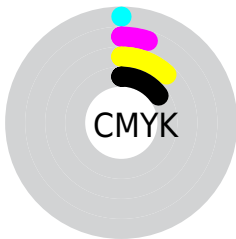
Distribution



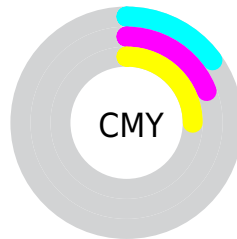
- Red (85%)
- Green (81%)
- Blue (75%)



- Red (81%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1389, 0.3319, 0.3474 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 63.1389, 0.3319, 0.3474 by changing the saturation by 10% instead.


 63.1389, 0.3319,
0.3474

 63.1389, 0.3319,
0.3474


436.0734, 0.3228,
0.3387

 45.9536, 0.3340,
0.3494


 109.3699, 0.3287,
0.3443

 32.2092, 0.3367,
0.3520


139.1843, 0.3275,
0.3432

 21.5213, 0.3402,
0.3553


173.9773, 0.3264,
0.3421

 13.5056, 0.3448,
0.3596

214.1331, 0.3255,
0.3413

 7.7776, 0.3512,
0.3657

260.0363, 0.3247,
0.3405

 3.9530, 0.3609,
0.3748

312.0711, 0.3240,

 1.6473, 0.3768,

0.3398

370.6220, 0.3233,
0.3392

0.3897

0.3892, 0.4992,
0.5008

0.0000, 0.0000,
0.0000

63.1389, 0.3319,
0.3474

63.1389, 0.3319,
0.3474

58.3374, 0.3499,
0.3636

68.2991, 0.3157,
0.3319

53.8768, 0.3697,
0.3800

73.8186, 0.3013,
0.3174

49.7500, 0.3911,
0.3962

79.6397, 0.2891,
0.3050

45.9463, 0.4136,
0.4112

84.4236, 0.2894,
0.3137

■ 42.4544, 0.4364,
0.4240

■ 89.4313, 0.2897,
0.3223

■ 39.2618, 0.4586,
0.4335

■ 93.4860, 0.2900,
0.3289

■ 36.3547, 0.4789,
0.4385

■ 33.7171, 0.4962,
0.4383

■ 31.7761, 0.5080,
0.4349

Harmonies

Analogous

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



63.1389, 0.3357, 0.3406



63.1389, 0.3319, 0.3474



63.1389, 0.3230, 0.3494

Triad

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



63.1389, 0.3319, 0.3474



63.1389, 0.2927, 0.3266



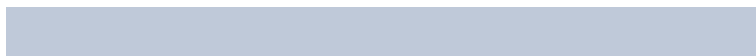
63.1389, 0.3137, 0.3132

Complementary

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



63.1389, 0.3319, 0.3474



57.8200, 0.2941, 0.3099

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.



63.1389, 0.3023, 0.3094



63.1389, 0.3319, 0.3474



63.1389, 0.2903, 0.3169

Square

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



63.1389, 0.3319, 0.3474



63.1389, 0.3004, 0.3372



63.1389, 0.2938, 0.3107



63.1389, 0.3251, 0.3209

Rectangle

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



63.1389, 0.3319, 0.3474



63.1389, 0.3154, 0.3475



63.1389, 0.2938, 0.3107



63.1389, 0.3098, 0.3114

Sweetspot

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



63.1417, 0.3319, 0.3474



96.8949, 0.3189, 0.3351



56.2137, 0.3264, 0.3176



20.6165, 0.3201, 0.3362



0.0000, 0.0000, 0.0000



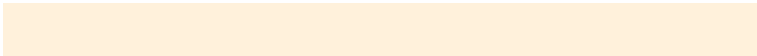
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1417, 0.3319, 0.3474



89.5006, 0.3356, 0.3508



67.6531, 0.3282, 0.3586



14.3832, 0.3276, 0.3434



19.4530, 0.5063, 0.4362



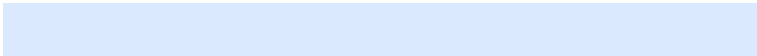
1.4249, 0.4884, 0.4504

Inverse Universe

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



57.8200, 0.2941, 0.3099



80.5835, 0.2906, 0.3062



53.7322, 0.2961, 0.2980



13.4301, 0.2981, 0.3142



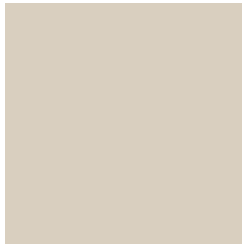
6.9716, 0.1673, 0.1221



0.6152, 0.1764, 0.1549

Previews

White Background



This preview shows how the Yxy color 63.1389, 0.3319, 0.3474 looks on a white background.

Color Contrast Check

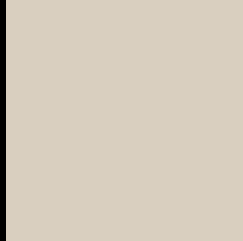
Large Text (above 18pt) WCAG AA × Fail

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 63.1389, 0.3319, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

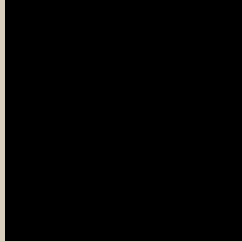
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

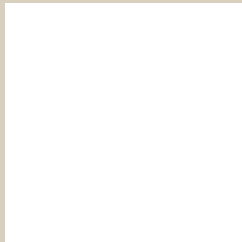
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1389, 0.3319, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 63.1389, 0.3319, 0.3474.

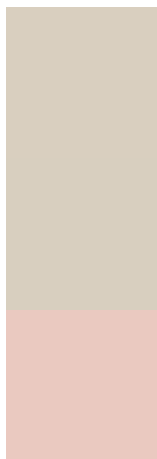


This preview shows how white text looks on a background with the Yxy color 63.1389, 0.3319, 0.3474.

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

63.1389, 0.3319, 0.3474

Protanopia

62.9862, 0.3311, 0.3474

Deuteranopia

63.0715, 0.3458, 0.3390



Tritanopia

63.1985, 0.3151, 0.3113

Trichromacy



Original Color

63.1389, 0.3319, 0.3474

Protanomaly

62.9862, 0.3311, 0.3474

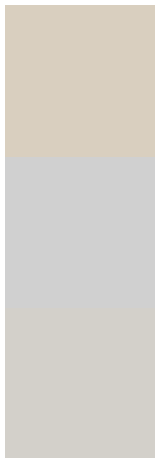
Deuteranomaly

63.0116, 0.3406, 0.3414

Tritanomaly

63.0048, 0.3214, 0.3234

Monochromacy



Original Color

63.1389, 0.3319, 0.3474

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2249, 0.3192, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1389, 0.3319, 0.3474 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, 207, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 191)  
}
```

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, 207, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 191) }
```

Border

The CSS property to change the border of an element to Yxy 63.1389, 0.3319, 0.3474 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, 207, 191) }
```

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

```
.border{ border-color:rgb(217, 207, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 207, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 207, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 207, 191); box-shadow:4px 4px 4px 4px rgb(217, 207, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1389, 0.3319, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 191) }
```

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

```
.background{ background-color: rgb(217,  
207, 191) }
```

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