

Converting Colors

Yxy(64.0430, 0.3308, 0.3419)

Have a look what the booklet for
Yxy(64.0430, 0.3308, 0.3419)
contains.

Yxy(63.8268, 0.3306, 0.3415)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.8268, 0.3306, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	DCCFC4
RGB	220, 207, 196
RGB Percent	86%, 81%, 77%
CMY	0.1373, 0.1882, 0.2314
CMYK	0.00, 0.06, 0.11, 0.14
HSL	28°, 26%, 82%
HSV	28°, 11%, 86%
XYZ	61.7896, 63.8268, 61.2849
YIQ	209.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

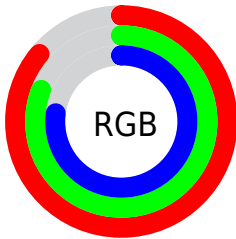
Format	Color
R _Y B	220, 216, 196
Decimal	14471108
CIE Lab	83.88, 2.64, 7.07
CIE LCh	84, 7.546, 69.500
Yxy	63.8268, 0.3306, 0.3415
Android (android.graphics.Color)	4292661188 (0xFFDCCFC4)
YUV	209.6330, -6.7211, 9.0919
Hunter-Lab	79.8917, -1.7555, 10.4428

Details

The Yxy color **63.8268, 0.3306, 0.3415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4940, 0.2959, 0.3162**, and the grayscale version is **64.2358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **32.7348, 0.3355, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **57.3474, 0.3496, 0.3536**, and if you desaturate by 10%, it is **70.8936, 0.3141, 0.3300**.

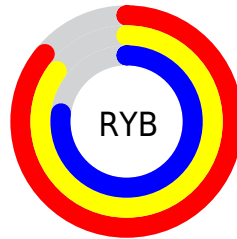
Distribution



Red (86%)

Green (81%)

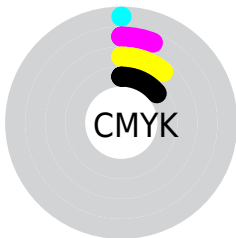
Blue (77%)



Red (86%)

Yellow (85%)

Blue (77%)

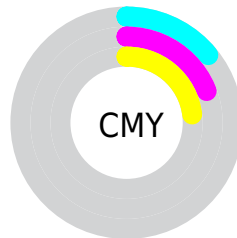


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (19%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8268, 0.3306, 0.3415 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 63.8268, 0.3306, 0.3415 by changing the saturation by 10% instead.

63.8268, 0.3306,
0.3415

63.8268, 0.3306,
0.3415

438.5639, 0.3221,
0.3356

46.5104, 0.3326,
0.3429

110.3615, 0.3276,
0.3394

32.6488, 0.3351,
0.3446

140.3485, 0.3265,
0.3386

21.8575, 0.3383,
0.3468

175.3279, 0.3255,
0.3380

13.7522, 0.3426,
0.3496

215.6841, 0.3246,
0.3374

7.9486, 0.3487,
0.3536

261.8013, 0.3239,
0.3369

4.0620, 0.3577,
0.3595

314.0641, 0.3232,

1.7083, 0.3728,

0.3364

0.3691

372.8569, 0.3226,
0.3360

0.4290, 0.5240,
0.4760

0.0000, 0.0000,
0.0000

63.8268, 0.3306,
0.3415

63.8268, 0.3306,
0.3415

57.3474, 0.3496,
0.3536

70.8936, 0.3141,
0.3300

51.4311, 0.3713,
0.3661

78.5547, 0.2998,
0.3193

46.0641, 0.3957,
0.3785

86.3685, 0.2913,
0.3164

41.2286, 0.4227,
0.3900

93.7152, 0.2917,
0.3286

■ 36.9060, 0.4516,
0.3997

■ 93.9545, 0.2917,
0.3289

■ 33.0761, 0.4812,
0.4062

■ 29.7169, 0.5097,
0.4083

■ 26.8040, 0.5350,
0.4050

■ 24.5126, 0.5545,
0.3979

Harmonies

Analogous

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



63.8268, 0.3310, 0.3345



63.8268, 0.3306, 0.3415



63.8268, 0.3254, 0.3453

Triad

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



63.8268, 0.3306, 0.3415



63.8268, 0.2992, 0.3317



63.8268, 0.3084, 0.3139

Complementary

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



63.8268, 0.3306, 0.3415



62.4940, 0.2959, 0.3162

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.



63.8268, 0.3001, 0.3130



63.8268, 0.3306, 0.3415



63.8268, 0.2948, 0.3231

Square

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



63.8268, 0.3306, 0.3415



63.8268, 0.3072, 0.3397



63.8268, 0.2951, 0.3163



63.8268, 0.3181, 0.3187

Rectangle

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



63.8268, 0.3306, 0.3415



63.8268, 0.3199, 0.3454



63.8268, 0.2951, 0.3163



63.8268, 0.3054, 0.3131

Sweetspot

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



63.8296, 0.3306, 0.3415



96.9043, 0.3174, 0.3324



59.3061, 0.3220, 0.3142



20.5672, 0.3187, 0.3333



0.0000, 0.0000, 0.0000



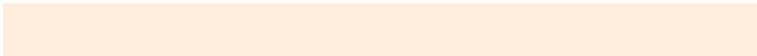
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8296, 0.3306, 0.3415



87.1303, 0.3346, 0.3441



69.7550, 0.3291, 0.3545



14.0311, 0.3280, 0.3398



14.6047, 0.5520, 0.3999



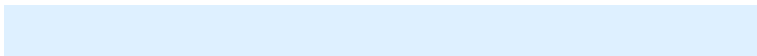
1.1172, 0.5249, 0.4214

Inverse Universe

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



62.4940, 0.2959, 0.3162



84.9212, 0.2924, 0.3134



56.9242, 0.2956, 0.3022



13.7787, 0.2982, 0.3180



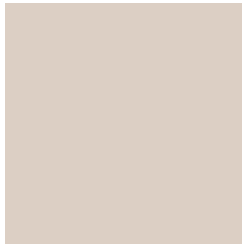
11.0076, 0.1812, 0.1725



0.8848, 0.1889, 0.2001

Previews

White Background



This preview shows how the Yxy color 63.8268, 0.3306, 0.3415 looks on a white background.

Color Contrast Check

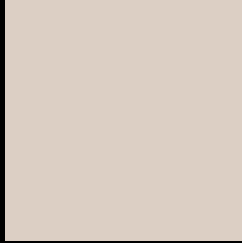
Large Text (above 18pt) WCAG AA × Fail

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 63.8268, 0.3306, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

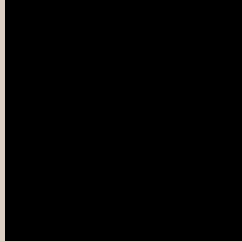
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

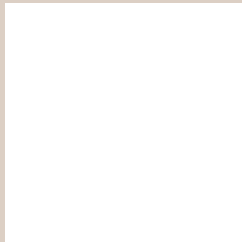
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8268, 0.3306, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 63.8268, 0.3306, 0.3415.



This preview shows how white text looks on a background with the Yxy color 63.8268, 0.3306, 0.3415.

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

63.8268, 0.3306, 0.3415

Protanopia

63.7419, 0.3266, 0.3416

Deuteranopia

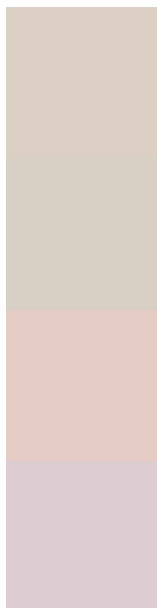
63.7647, 0.3417, 0.3346



Tritanopia

63.5143, 0.3166, 0.3114

Trichromacy



Original Color

63.8268, 0.3306, 0.3415

Protanomaly

63.8947, 0.3274, 0.3416

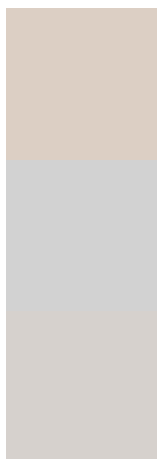
Deuteranomaly

63.8750, 0.3374, 0.3368

Tritanomaly

63.4185, 0.3215, 0.3212

Monochromacy



Original Color

63.8268, 0.3306, 0.3415

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.3048, 0.3193, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8268, 0.3306, 0.3415 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(220, 207, 196)` looks like.

```
.text, #text, p{  
    color:rgb(220, 207, 196)  
}
```

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(220, 207, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 207, 196) }
```

Border

The CSS property to change the border of an element to Yxy 63.8268, 0.3306, 0.3415 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(220, 207, 196) }
```

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

```
.border{ border-color:rgb(220, 207, 196) }
```

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

Here you see how a box with a 4 pixel rgb(220, 207, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 207, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 207, 196);  
box-shadow:4px 4px 4px 4px rgb(220, 207,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8268, 0.3306, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 207, 196) }
```

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

```
.background{ background-color: rgb(220,  
207, 196) }
```

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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