

Converting Colors

Yxy(64.5370, 0.3327, 0.3411)

Have a look what the booklet for
Yxy(64.5370, 0.3327, 0.3411)
contains.

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Color

Yxy(64.3448, 0.3322, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	DFCFC5
RGB	223, 207, 197
RGB Percent	87%, 81%, 77%
CMY	0.1256, 0.1882, 0.2275
CMYK	0.00, 0.07, 0.12, 0.13
HSL	23°, 29%, 82%
HSV	23°, 12%, 87%
XYZ	62.8132, 64.3448, 61.9245
YIQ	210.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

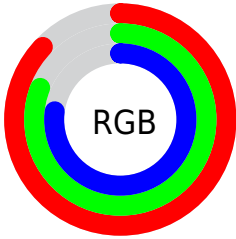
Format	Color
R _Y B	223, 213, 197
Decimal	14667717
CIE Lab	84.14, 3.86, 6.96
CIE LCh	84, 7.959, 60.988
Yxy	64.3448, 0.3322, 0.3403
Android (android.graphics.Color)	4292857797 (0xFFDFCFC5)
YUV	210.6440, -6.7265, 10.8362
Hunter-Lab	80.2152, -0.6006, 10.3799

Details

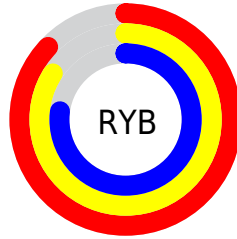
The Yxy color **64.3448, 0.3322, 0.3403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7515, 0.2947, 0.3174**, and the grayscale version is **64.9318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **33.0905, 0.3376, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **57.0514, 0.3520, 0.3506**, and if you desaturate by 10%, it is **72.3702, 0.3153, 0.3305**.

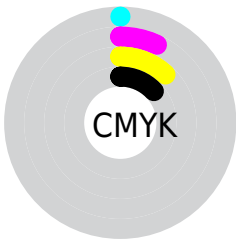
Distribution



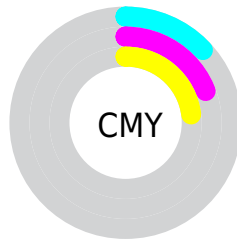
- Red (87%)
- Green (81%)
- Blue (77%)



- Red (87%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3448, 0.3322, 0.3403 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 64.3448, 0.3322, 0.3403 by changing the saturation by 10% instead.

64.3448, 0.3322,
0.3403

64.3448, 0.3322,
0.3403

440.4337, 0.3229,
0.3350

46.9300, 0.3344,
0.3415

111.1074, 0.3289,
0.3385

32.9803, 0.3371,
0.3430

141.2239, 0.3277,
0.3377

22.1114, 0.3406,
0.3450

176.3431, 0.3266,
0.3371

13.9388, 0.3453,
0.3475

216.8495, 0.3257,
0.3366

8.0781, 0.3518,
0.3510

263.1273, 0.3249,
0.3361

4.1450, 0.3617,
0.3562

315.5610, 0.3242,

1.7550, 0.3780,

0.3357

0.3643

374.5350, 0.3235,
0.3353

0.4589, 0.5292,
0.4578

0.0000, 0.0000,
0.0000

64.3448, 0.3322,
0.3403

64.3448, 0.3322,
0.3403

57.0514, 0.3520,
0.3506

72.3702, 0.3153,
0.3305

50.4603, 0.3749,
0.3612

81.1391, 0.3008,
0.3215

44.5521, 0.4012,
0.3717

90.0888, 0.2933,
0.3219

39.3033, 0.4307,
0.3813

94.4227, 0.2934,
0.3289

■ 34.6890, 0.4627,
0.3891

■ 30.6824, 0.4958,
0.3936

■ 27.2543, 0.5278,
0.3938

■ 24.3722, 0.5560,
0.3887

■ 22.3512, 0.5756,
0.3811

Harmonies

Analogous

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



64.3448, 0.3311, 0.3323



64.3448, 0.3322, 0.3403



64.3448, 0.3280, 0.3455

Triad

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



64.3448, 0.3322, 0.3403



64.3448, 0.3006, 0.3344



64.3448, 0.3055, 0.3124

Complementary

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



64.3448, 0.3322, 0.3403



64.7515, 0.2947, 0.3174

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.



64.3448, 0.2975, 0.3127



64.3448, 0.3322, 0.3403



64.3448, 0.2947, 0.3253

Square

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



64.3448, 0.3322, 0.3403



64.3448, 0.3097, 0.3422



64.3448, 0.2936, 0.3174



64.3448, 0.3155, 0.3164

Rectangle

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



64.3448, 0.3322, 0.3403



64.3448, 0.3229, 0.3465



64.3448, 0.2936, 0.3174



64.3448, 0.3025, 0.3120

Sweetspot

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



64.3476, 0.3322, 0.3403



96.5570, 0.3174, 0.3318



60.4144, 0.3214, 0.3112



20.4736, 0.3187, 0.3326



0.0000, 0.0000, 0.0000



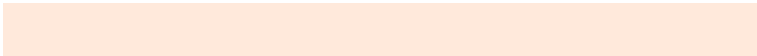
21.4041, 0.3127, 0.3290

Same Dimension

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



64.3476, 0.3322, 0.3403



84.7150, 0.3368, 0.3428



70.8661, 0.3304, 0.3544



14.5638, 0.3282, 0.3381



13.3500, 0.5729, 0.3833



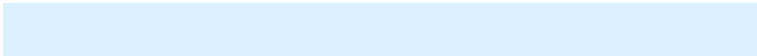
1.0952, 0.5443, 0.4060

Inverse Universe

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



64.7515, 0.2947, 0.3174



85.3659, 0.2909, 0.3148



58.5121, 0.2944, 0.3023



14.6372, 0.2981, 0.3197



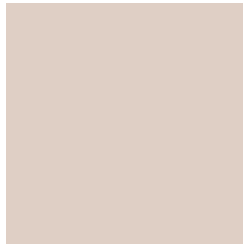
13.8621, 0.1883, 0.1978



1.1328, 0.1945, 0.2202

Previews

White Background



This preview shows how the Yxy color 64.3448, 0.3322, 0.3403 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 64.3448, 0.3322, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

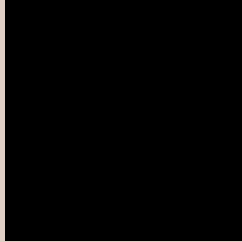
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3448, 0.3322, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 64.3448, 0.3322, 0.3403.



This preview shows how white text looks on a background with the Yxy color 64.3448, 0.3322, 0.3403.

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

64.3448, 0.3322, 0.3403

Protanopia

64.2771, 0.3258, 0.3416

Deuteranopia

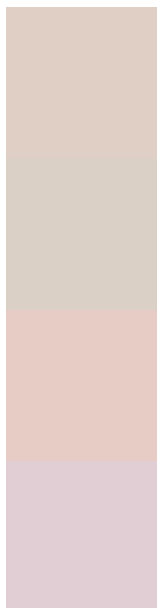
64.4513, 0.3416, 0.3345



Tritanopia

64.5218, 0.3181, 0.3116

Trichromacy



Original Color

64.3448, 0.3322, 0.3403

Protanomaly

64.2490, 0.3282, 0.3404

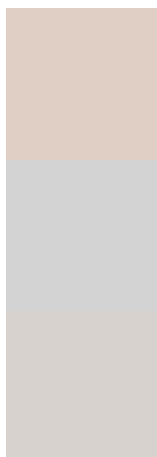
Deuteranomaly

64.2519, 0.3382, 0.3357

Tritanomaly

64.4237, 0.3230, 0.3213

Monochromacy



Original Color

64.3448, 0.3322, 0.3403

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9965, 0.3193, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3448, 0.3322, 0.3403 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(223, 207, 197)` looks like.

```
.text, #text, p{  
  color:rgb(223, 207, 197)  
}
```

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(223, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 197) }
```

Border

The CSS property to change the border of an element to Yxy 64.3448, 0.3322, 0.3403 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(223, 207, 197) }
```

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

```
.border{ border-color:rgb(223, 207, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3448, 0.3322, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 197) }
```

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

```
.background{ background-color: rgb(223,  
207, 197) }
```

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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