

Converting Colors

Yxy(63.6808, 0.3203, 0.3302)

Have a look what the booklet for
Yxy(63.6808, 0.3203, 0.3302)
contains.

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Color

Yxy(63.6808, 0.3203, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	D8CFCE
RGB	216, 207, 206
RGB Percent	85%, 81%, 81%
CMY	0.1529, 0.1882, 0.1923
CMYK	0.00, 0.04, 0.05, 0.15
HSL	6°, 11%, 83%
HSV	6°, 5%, 85%
XYZ	61.7715, 63.6808, 67.4029
YIQ	209.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

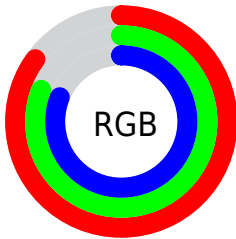
Format	Color
R _Y B	216, 207, 206
Decimal	14208974
CIE Lab	83.80, 2.93, 1.62
CIE LCh	84, 3.345, 28.878
Yxy	63.6808, 0.3203, 0.3302
Android (android.graphics.Color)	4292399054 (0xFFD8CFCE)
YUV	209.5770, -1.7635, 5.6330
Hunter-Lab	79.8003, -1.4777, 5.7812

Details

The Yxy color **63.6808, 0.3203, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6616, 0.3055, 0.3278**, and the grayscale version is **64.1674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6265, 0.3217, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **53.8919, 0.3393, 0.3329**, and if you desaturate by 10%, it is **74.7697, 0.3049, 0.3277**.

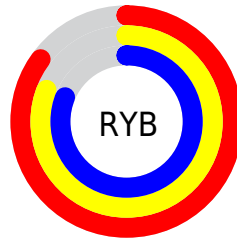
Distribution



Red (85%)

Green (81%)

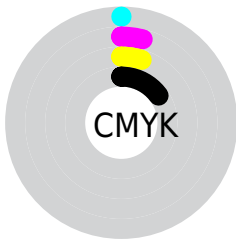
Blue (81%)



Red (85%)

Yellow (81%)

Blue (81%)

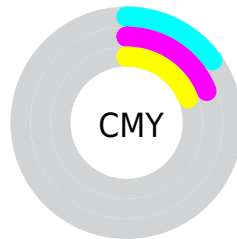


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6808, 0.3203, 0.3302 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 63.6808, 0.3203, 0.3302 by changing the saturation by 10% instead.

■ 63.6808, 0.3203,
0.3302

■ 63.6808, 0.3203,
0.3302

438.0360, 0.3167,
0.3297

■ 46.3922, 0.3211,
0.3303

110.1511, 0.3190,
0.3300

■ 32.5554, 0.3222,
0.3305

140.1016, 0.3185,
0.3299

■ 21.7861, 0.3236,
0.3307

175.0415, 0.3181,
0.3299

■ 13.6998, 0.3254,
0.3309

215.3552, 0.3178,
0.3298

■ 7.9122, 0.3280,
0.3313

261.4271, 0.3175,
0.3298

■ 4.0388, 0.3318,
0.3318

313.6416, 0.3172,

■ 1.6953, 0.3383,

0.3297

0.3326

372.3831, 0.3169,
0.3297

0.4206, 0.3810,
0.3400

0.0000, 0.0000,
0.0000

63.6808, 0.3203,
0.3302

63.6808, 0.3203,
0.3302

53.8919, 0.3393,
0.3329

74.7697, 0.3049,
0.3277

45.3475, 0.3627,
0.3358

87.1952, 0.2923,
0.3254

38.0002, 0.3912,
0.3388

93.3413, 0.2894,
0.3289

31.7963, 0.4255,
0.3416

■ 26.6784, 0.4656,
0.3438

■ 22.5837, 0.5098,
0.3450

■ 19.4432, 0.5546,
0.3446

■ 17.1791, 0.5942,
0.3422

■ 15.7015, 0.6225,
0.3379

Harmonies

Analogous

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



63.6808, 0.3176, 0.3265



63.6808, 0.3203, 0.3302



63.6808, 0.3209, 0.3336

Triad

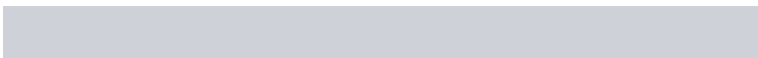
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.6808, 0.3203, 0.3302



63.6808, 0.3118, 0.3347



63.6808, 0.3061, 0.3222

Complementary

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



63.6808, 0.3203, 0.3302



66.6616, 0.3055, 0.3278

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.



63.6808, 0.3046, 0.3243



63.6808, 0.3203, 0.3302



63.6808, 0.3078, 0.3316

Square

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



63.6808, 0.3203, 0.3302



63.6808, 0.3160, 0.3363



63.6808, 0.3052, 0.3278



63.6808, 0.3094, 0.3219

Rectangle

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



63.6808, 0.3203, 0.3302



63.6808, 0.3201, 0.3353



63.6808, 0.3052, 0.3278



63.6808, 0.3054, 0.3227

Sweetspot

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



63.6836, 0.3203, 0.3302



98.3873, 0.3143, 0.3293



63.6321, 0.3140, 0.3189



21.0759, 0.3142, 0.3292



0.0000, 0.0000, 0.0000



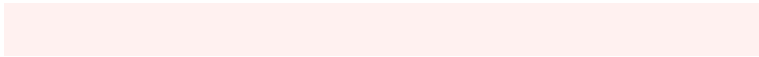
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6836, 0.3203, 0.3302



90.6145, 0.3227, 0.3306



66.1395, 0.3199, 0.3358



13.2320, 0.3237, 0.3307



9.0650, 0.6311, 0.3371



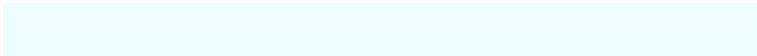
0.6188, 0.6083, 0.3552

Inverse Universe

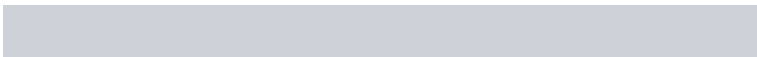
The Inverse Universe completely reimagines the original color for something new.



66.6616, 0.3055, 0.3278



96.2040, 0.3034, 0.3274



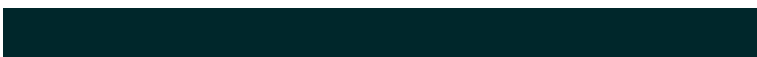
64.1598, 0.3056, 0.3221



14.1250, 0.3026, 0.3273



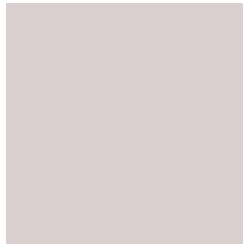
25.7566, 0.2156, 0.2963



1.6183, 0.2173, 0.3024

Previews

White Background



This preview shows how the Yxy color 63.6808, 0.3203, 0.3302 looks on a white background.

Color Contrast Check

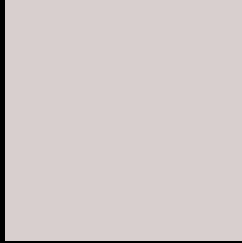
Large Text (above 18pt) WCAG AA × Fail

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 63.6808, 0.3203, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

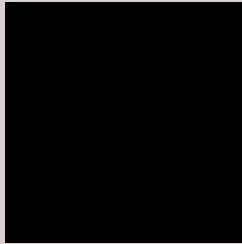
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

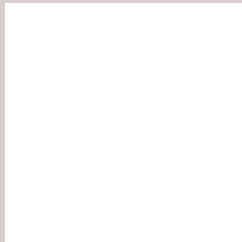
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6808, 0.3203, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 63.6808, 0.3203, 0.3302.

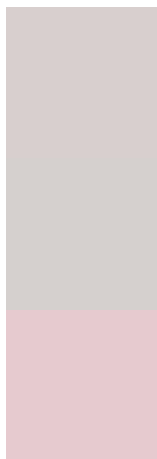


This preview shows how white text looks on a background with the Yxy color 63.6808, 0.3203, 0.3302.

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

63.6808, 0.3203, 0.3302

Protanopia

63.7141, 0.3179, 0.3313

Deuteranopia

63.5690, 0.3309, 0.3236



Tritanopia

63.7885, 0.3113, 0.3113

Trichromacy



Original Color

63.6808, 0.3203, 0.3302

Protanomaly

63.8641, 0.3187, 0.3313

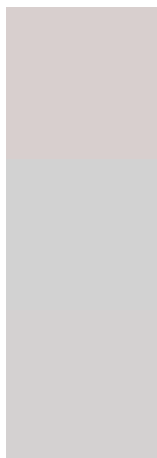
Deuteranomaly

63.6983, 0.3268, 0.3257

Tritanomaly

63.8522, 0.3140, 0.3178

Monochromacy



Original Color

63.6808, 0.3203, 0.3302

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.2014, 0.3150, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6808, 0.3203, 0.3302 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, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(216, 207, 206)  
}
```

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, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 207, 206) }
```

Border

The CSS property to change the border of an element to Yxy 63.6808, 0.3203, 0.3302 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, 207, 206) }
```

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

```
.border{ border-color:rgb(216, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 207, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 207, 206); box-shadow:4px 4px 4px 4px rgb(216, 207, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6808, 0.3203, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 207, 206) }
```

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

```
.background{ background-color: rgb(216,  
207, 206) }
```

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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