

Converting Colors

$Yxy(63.6726, 0.3289, 0.3470)$

Have a look what the booklet for
Yxy(63.6726, 0.3289, 0.3470)
contains.

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Color

Yxy(63.8983, 0.3286, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	D7D1C1
RGB	215, 209, 193
RGB Percent	84%, 82%, 76%
CMY	0.1570, 0.1803, 0.2432
CMYK	0.00, 0.03, 0.10, 0.16
HSL	44°, 22%, 80%
HSV	44°, 10%, 84%
XYZ	60.4404, 63.8983, 59.5943
YIQ	208.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

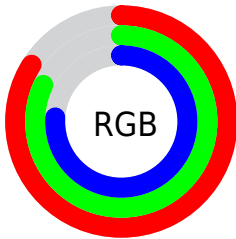
Format	Color
R_{YB}	201, 215, 193
Decimal	14143937
CIE Lab	83.91, -0.69, 8.67
CIE LCh	84, 8.693, 94.578
Yxy	63.8983, 0.3286, 0.3474
Android (android.graphics.Color)	4292334017 (0xFFD7D1C1)
YUV	208.9700, -7.8732, 5.2883
Hunter-Lab	79.9364, -4.9239, 11.7536

Details

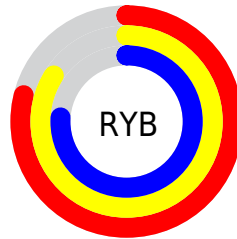
The Yxy color **63.8983, 0.3286, 0.3474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0556, 0.2969, 0.3099**, and the grayscale version is **63.7858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **32.7804, 0.3328, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **60.2099, 0.3455, 0.3662**, and if you desaturate by 10%, it is **67.8358, 0.3130, 0.3294**.

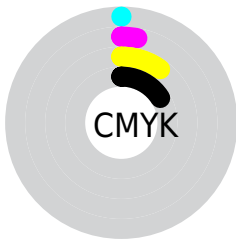
Distribution



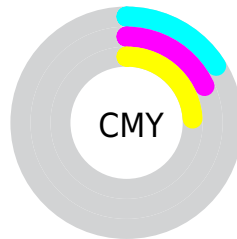
- Red (84%)
- Green (82%)
- Blue (76%)



- Red (79%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8983, 0.3286, 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 63.8983, 0.3286, 0.3474 by changing the saturation by 10% instead.

■ 63.8983, 0.3286,
0.3474

■ 63.8983, 0.3286,
0.3474

438.8223, 0.3211,
0.3387

■ 46.5683, 0.3304,
0.3495

■ 110.4645, 0.3260,
0.3443

■ 32.6945, 0.3326,
0.3520

140.4694, 0.3249,
0.3431

■ 21.8925, 0.3354,
0.3553

175.4681, 0.3241,
0.3421

■ 13.7780, 0.3391,
0.3597

215.8451, 0.3233,
0.3413

■ 7.9664, 0.3444,
0.3659

261.9845, 0.3226,
0.3405

■ 4.0734, 0.3522,
0.3751

314.2710, 0.3221,

■ 1.7147, 0.3650,

0.3398

373.0888, 0.3215,
0.3392

0.3903

0.4332, 0.4768,
0.5232

0.0000, 0.0000,
0.0000

63.8983, 0.3286,
0.3474

63.8983, 0.3286,
0.3474

60.2099, 0.3455,
0.3662

67.8358, 0.3130,
0.3294

56.7551, 0.3637,
0.3853

72.0207, 0.2989,
0.3124

53.5292, 0.3827,
0.4040

76.3015, 0.2876,
0.2990

50.5240, 0.4021,
0.4216

79.5247, 0.2879,
0.3052

■ 47.7309, 0.4211,
0.4371

■ 82.8561, 0.2881,
0.3114

■ 45.1402, 0.4389,
0.4492

■ 86.2968, 0.2884,
0.3175

■ 42.7410, 0.4546,
0.4572

■ 89.8478, 0.2886,
0.3235

■ 40.5205, 0.4675,
0.4602

■ 93.1808, 0.2888,
0.3289

■ 38.5002, 0.4775,
0.4591

Harmonies

Analogous

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



63.8983, 0.3338, 0.3422



63.8983, 0.3286, 0.3474



63.8983, 0.3192, 0.3476

Triad

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



63.8983, 0.3286, 0.3474



63.8983, 0.2926, 0.3237



63.8983, 0.3171, 0.3160

Complementary

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



63.8983, 0.3286, 0.3474



57.0556, 0.2969, 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.



63.8983, 0.3060, 0.3112



63.8983, 0.3286, 0.3474



63.8983, 0.2921, 0.3154

Square

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



63.8983, 0.3286, 0.3474



63.8983, 0.2985, 0.3337



63.8983, 0.2969, 0.3109



63.8983, 0.3271, 0.3242

Rectangle

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



63.8983, 0.3286, 0.3474



63.8983, 0.3118, 0.3448



63.8983, 0.2969, 0.3109



63.8983, 0.3134, 0.3139

Sweetspot

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



63.9011, 0.3286, 0.3474



98.2044, 0.3173, 0.3344



56.7106, 0.3258, 0.3218



20.9183, 0.3185, 0.3358



0.0000, 0.0000, 0.0000



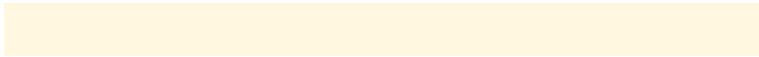
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9011, 0.3286, 0.3474



93.0179, 0.3317, 0.3509



66.1606, 0.3243, 0.3543



13.9255, 0.3273, 0.3459



23.2214, 0.4764, 0.4599



1.5343, 0.4644, 0.4695

Inverse Universe

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



57.0556, 0.2969, 0.3099



81.2244, 0.2938, 0.3061



55.0123, 0.3004, 0.3030



12.5496, 0.2982, 0.3115



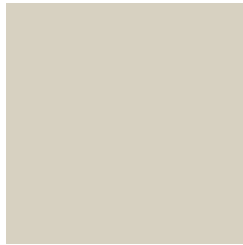
4.9037, 0.1594, 0.0940



0.4332, 0.1690, 0.1283

Previews

White Background



This preview shows how the Yxy color 63.8983, 0.3286, 0.3474 looks on a white background.

Color Contrast Check

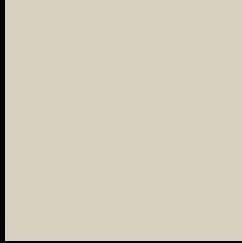
Large Text (above 18pt) WCAG AA × Fail

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 63.8983, 0.3286, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

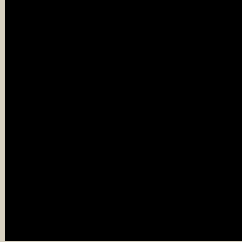
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

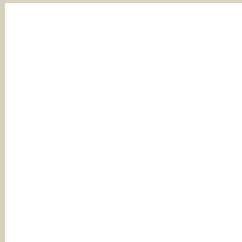
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8983, 0.3286, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 63.8983, 0.3286, 0.3474.

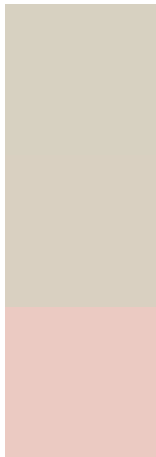


This preview shows how white text looks on a background with the Yxy color 63.8983, 0.3286, 0.3474.

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

63.8983, 0.3286, 0.3474

Protanopia

63.7137, 0.3303, 0.3462

Deuteranopia

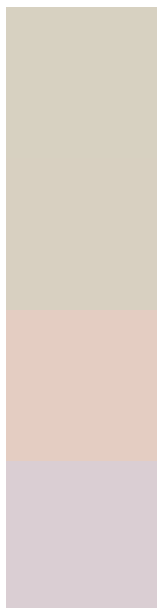
63.7983, 0.3448, 0.3378



Tritanopia

63.9432, 0.3120, 0.3113

Trichromacy



Original Color

63.8983, 0.3286, 0.3474

Protanomaly

63.5609, 0.3295, 0.3462

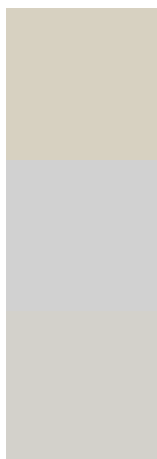
Deuteranomaly

64.0517, 0.3387, 0.3413

Tritanomaly

63.7512, 0.3183, 0.3234

Monochromacy



Original Color

63.8983, 0.3286, 0.3474

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7616, 0.3184, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8983, 0.3286, 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(215, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 209, 193)  
}
```

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(215, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 209, 193) }
```

Border

The CSS property to change the border of an element to Yxy 63.8983, 0.3286, 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(215, 209, 193) }
```

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

```
.border{ border-color:rgb(215, 209, 193) }
```

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

Here you see how a box with a 4 pixel rgb(215, 209, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 209,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8983, 0.3286, 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(215, 209, 193) }
```

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

```
.background{ background-color: rgb(215,  
209, 193) }
```

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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