

Converting Colors

$Yxy(65.9659, 0.3275, 0.3376)$

Have a look what the booklet for
Yxy(65.9659, 0.3275, 0.3376)
contains.

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Color

Yxy(65.8871, 0.3274, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	DED2CA
RGB	222, 210, 202
RGB Percent	87%, 82%, 79%
CMY	0.1296, 0.1764, 0.2079
CMYK	0.00, 0.05, 0.09, 0.13
HSL	24°, 23%, 83%
HSV	24°, 9%, 87%
XYZ	63.8208, 65.8871, 65.2243
YIQ	212.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

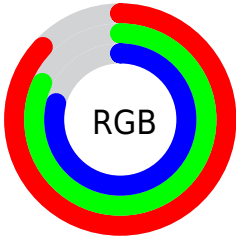
Format	Color
R _Y B	222, 215, 202
Decimal	14602954
CIE Lab	84.94, 2.75, 5.44
CIE LCh	85, 6.095, 63.128
Yxy	65.8871, 0.3274, 0.3380
Android (android.graphics.Color)	4292793034 (0xFFDED2CA)
YUV	212.6760, -5.2633, 8.1771
Hunter-Lab	81.1709, -1.7029, 9.1775

Details

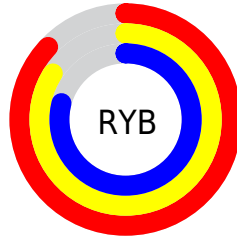
The Yxy color **65.8871, 0.3274, 0.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8844, 0.2989, 0.3198**, and the grayscale version is **66.3408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1305, 0.3312, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **58.6288, 0.3463, 0.3486**, and if you desaturate by 10%, it is **73.8459, 0.3112, 0.3280**.

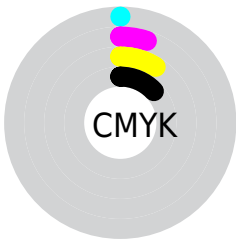
Distribution



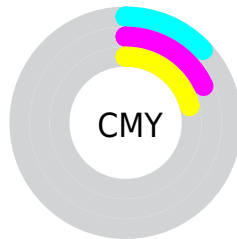
- Red (87%)
- Green (82%)
- Blue (79%)



- Red (87%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8871, 0.3274, 0.3380 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 65.8871, 0.3274, 0.3380 by changing the saturation by 10% instead.

■ 65.8871, 0.3274,
0.3380

■ 65.8871, 0.3274,
0.3380

445.9730, 0.3205,
0.3338

■ 48.1808, 0.3290,
0.3390

113.3243, 0.3250,
0.3365

■ 33.9701, 0.3310,
0.3402

143.8239, 0.3240,
0.3360

■ 22.8706, 0.3337,
0.3417

179.3567, 0.3232,
0.3355

■ 14.4980, 0.3371,
0.3438

220.3072, 0.3225,
0.3351

■ 8.4678, 0.3419,
0.3466

267.0597, 0.3219,
0.3347

■ 4.3957, 0.3491,
0.3507

319.9985, 0.3214,

■ 1.8973, 0.3610,

0.3344

379.5082, 0.3209,
0.3341

0.3572

0.5468, 0.4351,
0.4053

0.0000, 0.0000,
0.0000

65.8871, 0.3274,
0.3380

65.8871, 0.3274,
0.3380

58.6288, 0.3463,
0.3486

73.8459, 0.3112,
0.3280

52.0427, 0.3681,
0.3596

82.5151, 0.2973,
0.3188

46.1112, 0.3932,
0.3706

91.0100, 0.2927,
0.3237

40.8127, 0.4214,
0.3809

94.2630, 0.2929,
0.3289

■ 36.1242, 0.4522,
0.3896

■ 32.0212, 0.4844,
0.3956

■ 28.4770, 0.5162,
0.3974

■ 25.4621, 0.5449,
0.3940

■ 22.9391, 0.5688,
0.3857

Harmonies

Analogous

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



65.8871, 0.3268, 0.3320



65.8871, 0.3274, 0.3380



65.8871, 0.3240, 0.3417

Triad

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



65.8871, 0.3274, 0.3380



65.8871, 0.3031, 0.3326



65.8871, 0.3077, 0.3165

Complementary

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



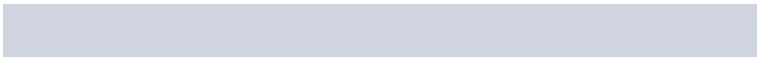
65.8871, 0.3274, 0.3380



65.8844, 0.2989, 0.3198

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.



65.8871, 0.3015, 0.3165



65.8871, 0.3274, 0.3380



65.8871, 0.2988, 0.3257

Square

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



65.8871, 0.3274, 0.3380



65.8871, 0.3099, 0.3386



65.8871, 0.2983, 0.3198



65.8871, 0.3154, 0.3197

Rectangle

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



65.8871, 0.3274, 0.3380



65.8871, 0.3200, 0.3422



65.8871, 0.2983, 0.3198



65.8871, 0.3054, 0.3161

Sweetspot

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



65.8900, 0.3274, 0.3380



96.6334, 0.3174, 0.3320



62.6135, 0.3195, 0.3157



20.4941, 0.3187, 0.3328



0.0000, 0.0000, 0.0000



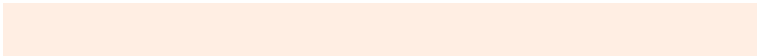
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8900, 0.3274, 0.3380



88.0859, 0.3311, 0.3402



70.9532, 0.3263, 0.3489



14.6007, 0.3282, 0.3385



13.6992, 0.5685, 0.3868



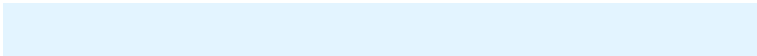
1.1216, 0.5404, 0.4091

Inverse Universe

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



65.8844, 0.2989, 0.3198



88.0763, 0.2956, 0.3176



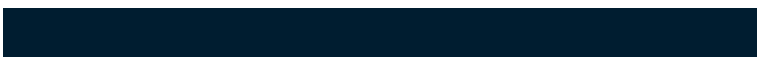
61.0069, 0.2988, 0.3083



14.5994, 0.2981, 0.3193



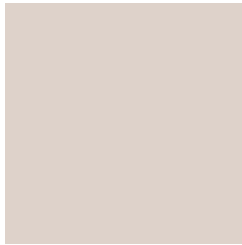
13.2763, 0.1867, 0.1921



1.0943, 0.1932, 0.2154

Previews

White Background



This preview shows how the Yxy color 65.8871, 0.3274, 0.3380 looks on a white background.

Color Contrast Check

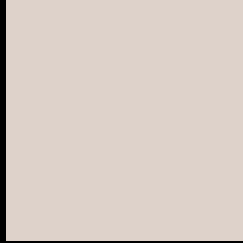
Large Text (above 18pt) WCAG AA × Fail

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 65.8871, 0.3274, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

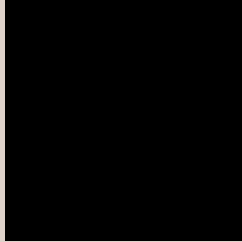
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

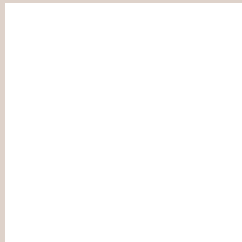
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8871, 0.3274, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 65.8871, 0.3274, 0.3380.

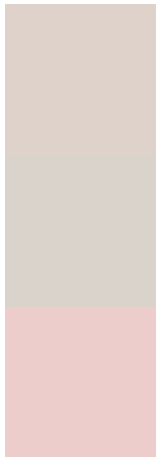


This preview shows how white text looks on a background with the Yxy color 65.8871, 0.3274, 0.3380.

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

65.8871, 0.3274, 0.3380

Protanopia

65.8058, 0.3236, 0.3380

Deuteranopia

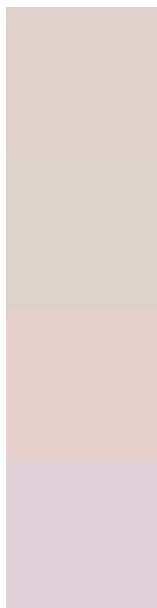
65.8073, 0.3383, 0.3312



Tritanopia

65.9609, 0.3150, 0.3116

Trichromacy



Original Color

65.8871, 0.3274, 0.3380

Protanomaly

65.9604, 0.3243, 0.3380

Deuteranomaly

65.9264, 0.3340, 0.3334

Tritanomaly

65.8653, 0.3199, 0.3213

Monochromacy



Original Color

65.8871, 0.3274, 0.3380

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2893, 0.3177, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8871, 0.3274, 0.3380 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(222, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 210, 202)  
}
```

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(222, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 210, 202) }
```

Border

The CSS property to change the border of an element to Yxy 65.8871, 0.3274, 0.3380 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(222, 210, 202) }
```

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

```
.border{ border-color:rgb(222, 210, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 210, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 210,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8871, 0.3274, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 210, 202) }
```

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

```
.background{ background-color: rgb(222,  
210, 202) }
```

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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