

Converting Colors

Yxy(65.1308, 0.3268, 0.3406)

Have a look what the booklet for
Yxy(65.1308, 0.3268, 0.3406)
contains.

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Color

Yxy(65.2768, 0.3273, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	DBD2C7
RGB	219, 210, 199
RGB Percent	86%, 82%, 78%
CMY	0.1410, 0.1765, 0.2195
CMYK	0.00, 0.04, 0.09, 0.14
HSL	33°, 22%, 82%
HSV	33°, 9%, 86%
XYZ	62.5808, 65.2768, 63.3456
YIQ	211.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

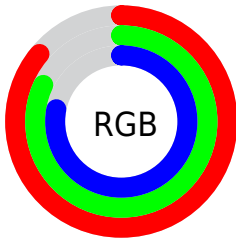
Format	Color
R _Y B	215, 219, 199
Decimal	14406343
CIE Lab	84.63, 1.25, 6.53
CIE LCh	85, 6.650, 79.182
Yxy	65.2768, 0.3273, 0.3414
Android (android.graphics.Color)	4292596423 (0xFFDDBD2C7)
YUV	211.4370, -6.1314, 6.6328
Hunter-Lab	80.7941, -3.1285, 10.0702

Details

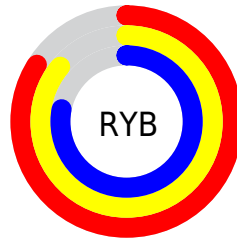
The Yxy color **65.2768, 0.3273, 0.3414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4117, 0.2986, 0.3163**, and the grayscale version is **65.4884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7138, 0.3310, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **59.5928, 0.3453, 0.3557**, and if you desaturate by 10%, it is **71.4159, 0.3114, 0.3279**.

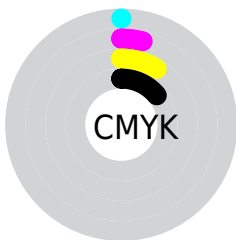
Distribution



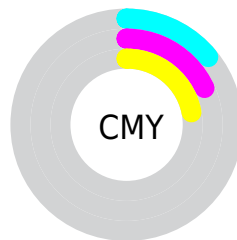
- Red (86%)
- Green (82%)
- Blue (78%)



- Red (84%)
- Yellow (86%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2768, 0.3273, 0.3414 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 65.2768, 0.3273, 0.3414 by changing the saturation by 10% instead.

65.2768, 0.3273,
0.3414

65.2768, 0.3273,
0.3414

443.7860, 0.3204,
0.3356

47.6856, 0.3289,
0.3428

112.4477, 0.3249,
0.3394

33.5779, 0.3309,
0.3444

142.7962, 0.3239,
0.3386

22.5696, 0.3335,
0.3466

178.1659, 0.3231,
0.3379

14.2760, 0.3370,
0.3495

218.9411, 0.3225,
0.3373

8.3129, 0.3418,
0.3535

265.5064, 0.3218,
0.3368

4.2958, 0.3489,
0.3594

318.2460, 0.3213,

1.8404, 0.3607,

0.3363

0.3690

377.5444, 0.3208,
0.3359

■ 0.5121, 0.4576,
0.4531

■ 0.0000, 0.0000,
0.0000

■ 65.2768, 0.3273,
0.3414

■ 65.2768, 0.3273,
0.3414

■ 59.5928, 0.3453,
0.3557

■ 71.4159, 0.3114,
0.3279

■ 54.3436, 0.3654,
0.3704

■ 78.0125, 0.2975,
0.3152

■ 49.5199, 0.3877,
0.3850

■ 84.4374, 0.2907,
0.3132

■ 45.1086, 0.4118,
0.3989

■ 90.4215, 0.2910,
0.3235

■ 41.0960, 0.4371,
0.4110

■ 93.8073, 0.2912,
0.3289

■ 37.4670, 0.4626,
0.4201

■ 34.2055, 0.4869,
0.4250

■ 31.2929, 0.5085,
0.4247

■ 28.7035, 0.5267,
0.4193

Harmonies

Analogous

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



65.2768, 0.3291, 0.3360



65.2768, 0.3273, 0.3414



65.2768, 0.3216, 0.3435

Triad

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



65.2768, 0.3273, 0.3414



65.2768, 0.2992, 0.3289



65.2768, 0.3117, 0.3168

Complementary

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



65.2768, 0.3273, 0.3414



62.4117, 0.2986, 0.3163

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.



65.2768, 0.3038, 0.3148



65.2768, 0.3273, 0.3414



65.2768, 0.2967, 0.3217

Square

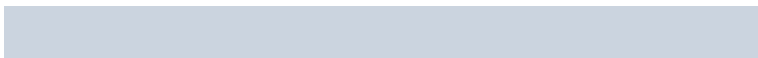
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.2768, 0.3273, 0.3414



65.2768, 0.3054, 0.3363



65.2768, 0.2983, 0.3166



65.2768, 0.3200, 0.3219

Rectangle

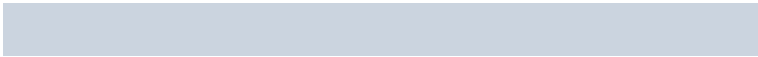
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2768, 0.3273, 0.3414



65.2768, 0.3164, 0.3427



65.2768, 0.2983, 0.3166



65.2768, 0.3089, 0.3157

Sweetspot

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



65.2797, 0.3273, 0.3414



97.3293, 0.3174, 0.3330



60.4957, 0.3216, 0.3185



20.6818, 0.3186, 0.3341



0.0000, 0.0000, 0.0000



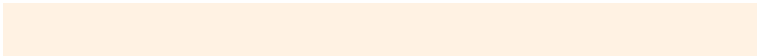
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2797, 0.3273, 0.3414



90.4942, 0.3306, 0.3441



69.7760, 0.3258, 0.3514



14.2277, 0.3278, 0.3418



17.1095, 0.5262, 0.4204



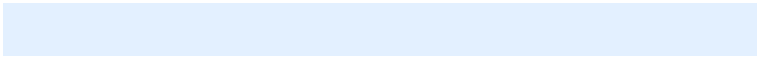
1.2798, 0.5040, 0.4380

Inverse Universe

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



62.4117, 0.2986, 0.3163



85.6492, 0.2955, 0.3134



58.2096, 0.2991, 0.3056



13.5823, 0.2982, 0.3159



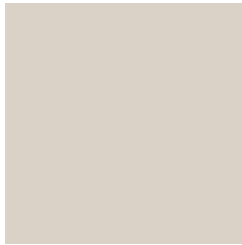
8.5423, 0.1731, 0.1430



0.7240, 0.1818, 0.1743

Previews

White Background



This preview shows how the Yxy color 65.2768, 0.3273, 0.3414 looks on a white background.

Color Contrast Check

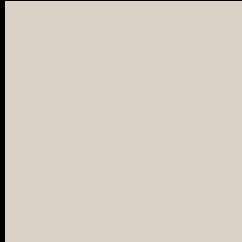
Large Text (above 18pt) WCAG AA × Fail

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 65.2768, 0.3273, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

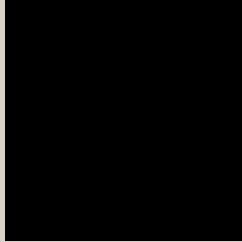
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

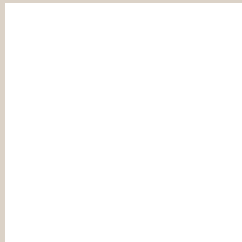
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2768, 0.3273, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 65.2768, 0.3273, 0.3414.

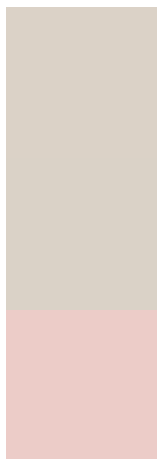


This preview shows how white text looks on a background with the Yxy color 65.2768, 0.3273, 0.3414.

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

65.2768, 0.3273, 0.3414

Protanopia

65.1221, 0.3265, 0.3415

Deuteranopia

65.1887, 0.3407, 0.3334



Tritanopia

64.9999, 0.3128, 0.3104

Trichromacy



Original Color

65.2768, 0.3273, 0.3414

Protanomaly

65.1221, 0.3265, 0.3415

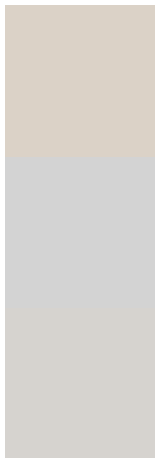
Deuteranomaly

65.1357, 0.3356, 0.3357

Tritanomaly

64.8528, 0.3184, 0.3213

Monochromacy



Original Color

65.2768, 0.3273, 0.3414

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3897, 0.3177, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2768, 0.3273, 0.3414 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(219, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 199)  
}
```

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(219, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 199) }
```

Border

The CSS property to change the border of an element to Yxy 65.2768, 0.3273, 0.3414 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(219, 210, 199) }
```

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

```
.border{ border-color:rgb(219, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2768, 0.3273, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 199) }
```

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

```
.background{ background-color: rgb(219,  
210, 199) }
```

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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