

Converting Colors

Yxy(71.3603, 0.3288, 0.3611)

Have a look what the booklet for
Yxy(71.3603, 0.3288, 0.3611)
contains.

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Color

Yxy(71.5758, 0.3284, 0.3614)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DADFC2 |
| RGB | 218, 223, 194 |
| RGB Percent | 85%, 87%, 76% |
| CMY | 0.1451, 0.1255, 0.2391 |
| CMYK | 0.02, 0.00, 0.13, 0.13 |
| HSL | 70°, 31%, 82% |
| HSV | 70°, 13%, 87% |
| XYZ | 65.0401, 71.5758, 61.4356 |
| YIQ | 218.1990, 6.3290, -10.0790 |

Conversions

Conversions Part 2

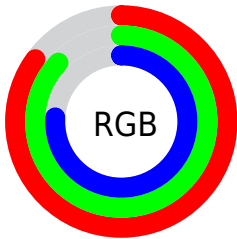
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 223, 199 |
| Decimal | 14344130 |
| CIELab | 87.76, -6.65, 13.64 |
| CIELCh | 88, 15.173, 116.002 |
| Yxy | 71.5758, 0.3284, 0.3614 |
| Android (android.graphics.Color) | 4292534210 (0xFFDADFC2) |
| YUV | 218.1990, -11.9301, -0.1745 |
| Hunter-Lab | 84.6025, -10.8284, 16.1673 |

Details

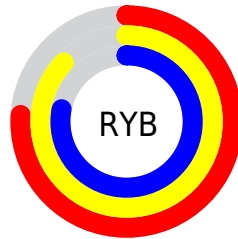
The Yxy color **71.5758, 0.3284, 0.3614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.0641, 0.2958, 0.2952**, and the grayscale version is **70.3385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **37.6852, 0.3323, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **70.0642, 0.3406, 0.3875**, and if you desaturate by 10%, it is **73.2578, 0.3163, 0.3363**.

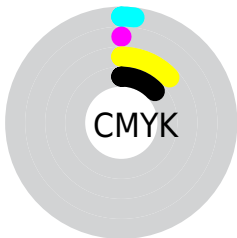
Distribution



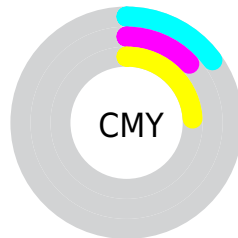
- Red (85%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5758, 0.3284, 0.3614 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 71.5758, 0.3284, 0.3614 by changing the saturation by 10% instead.

71.5758, 0.3284,
0.3614

71.5758, 0.3284,
0.3614

466.0638, 0.3212,
0.3462

52.8122, 0.3300,
0.3649

121.4532, 0.3259,
0.3561

37.6529, 0.3320,
0.3693

153.3359, 0.3250,
0.3540

25.7134, 0.3345,
0.3750

190.3604, 0.3241,
0.3522

16.6094, 0.3377,
0.3824

232.9110, 0.3234,
0.3507

9.9564, 0.3420,
0.3927

281.3723, 0.3228,
0.3494

5.3700, 0.3480,
0.4078

336.1286, 0.3222,

2.4660, 0.3568,

0.3482

0.4320

397.5643, 0.3217,
0.3471

■ 0.8595, 0.4323,
0.5677

■ 0.0000, 0.0000,
0.0000

■ 71.5758, 0.3284,
0.3614

■ 71.5758, 0.3284,
0.3614

■ 70.0642, 0.3406,
0.3875

■ 73.2578, 0.3163,
0.3363

■ 68.7069, 0.3525,
0.4139

■ 75.1071, 0.3046,
0.3126

■ 67.4997, 0.3635,
0.4397

■ 76.7459, 0.2970,
0.2963

■ 66.4347, 0.3732,
0.4639

■ 77.3881, 0.2995,
0.2965

65.5033, 0.3811,
0.4854

78.0445, 0.3021,
0.2968

64.6957, 0.3865,
0.5032

78.7151, 0.3047,
0.2970

64.0007, 0.3894,
0.5167

79.4000, 0.3073,
0.2973

63.4049, 0.3897,
0.5255

80.0994, 0.3099,
0.2975

63.0314, 0.3888,
0.5295

80.8132, 0.3126,
0.2978

Harmonies

Analogous

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



71.5758, 0.3428, 0.3581



71.5758, 0.3284, 0.3614



71.5758, 0.3101, 0.3554

Triad

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



71.5758, 0.3284, 0.3614



71.5758, 0.2776, 0.3094



71.5758, 0.3325, 0.3166

Complementary

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



71.5758, 0.3284, 0.3614



56.0641, 0.2958, 0.2952

Split Complementary

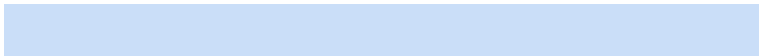
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5758, 0.3145, 0.3045



71.5758, 0.3284, 0.3614



71.5758, 0.2832, 0.3000

Square

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



71.5758, 0.3284, 0.3614



71.5758, 0.2811, 0.3246



71.5758, 0.2965, 0.2984



71.5758, 0.3453, 0.3320

Rectangle

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



71.5758, 0.3284, 0.3614



71.5758, 0.2982, 0.3469



71.5758, 0.2965, 0.2984



71.5758, 0.3269, 0.3120

Sweetspot

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



71.5789, 0.3284, 0.3614



99.0280, 0.3175, 0.3388



60.3615, 0.3356, 0.3345



21.1578, 0.3184, 0.3407



0.0000, 0.0000, 0.0000



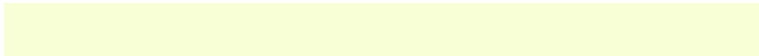
21.4041, 0.3127, 0.3290

Same Dimension

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



71.5789, 0.3284, 0.3614



96.3340, 0.3322, 0.3695



69.4655, 0.3180, 0.3625



15.9036, 0.3241, 0.3523



37.1037, 0.3893, 0.5291



2.6038, 0.3942, 0.5252

Inverse Universe

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



56.0641, 0.2958, 0.2952



70.8246, 0.2913, 0.2863



58.1165, 0.3067, 0.2963



13.3564, 0.3007, 0.3049



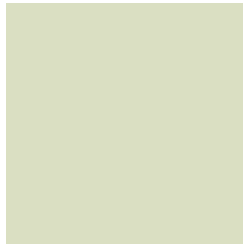
3.4142, 0.1579, 0.0643



0.2711, 0.1712, 0.0717

Previews

White Background



This preview shows how the Yxy color 71.5758, 0.3284, 0.3614 looks on a white background.

Color Contrast Check

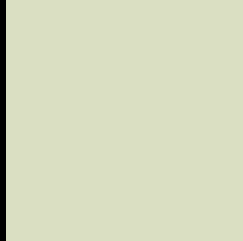
Large Text (above 18pt) WCAG AA × Fail

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 71.5758, 0.3284, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

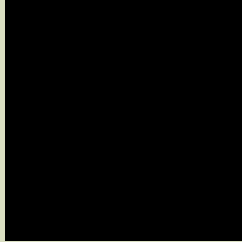
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

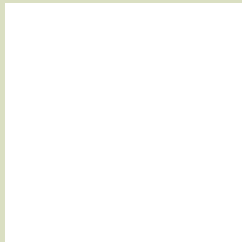
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5758, 0.3284, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 71.5758, 0.3284, 0.3614.



This preview shows how white text looks on a background with the Yxy color 71.5758, 0.3284, 0.3614.

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

71.5758, 0.3284, 0.3614

Protanopia

71.2918, 0.3394, 0.3585

Deuteranopia

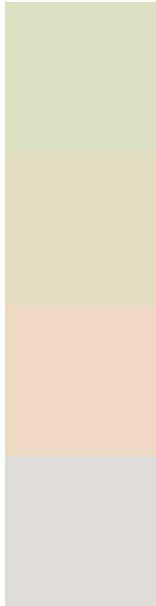
71.3965, 0.3532, 0.3458



Tritanopia

71.4135, 0.3065, 0.3109

Trichromacy



Original Color

71.5758, 0.3284, 0.3614

Protanomaly

71.2054, 0.3355, 0.3588

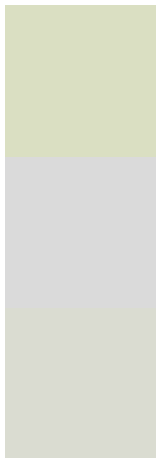
Deuteranomaly

71.2290, 0.3439, 0.3516

Tritanomaly

71.3071, 0.3149, 0.3290

Monochromacy



Original Color

71.5758, 0.3284, 0.3614

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.6953, 0.3186, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5758, 0.3284, 0.3614 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(218, 223, 194)` looks like.

```
.text, #text, p{  
    color:rgb(218, 223, 194)  
}
```

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(218, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 223, 194) }
```

Border

The CSS property to change the border of an element to Yxy 71.5758, 0.3284, 0.3614 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(218, 223, 194) }
```

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

```
.border{ border-color:rgb(218, 223, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 223, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(218, 223,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5758, 0.3284, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 223, 194) }
```

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

```
.background{ background-color: rgb(218,  
223, 194) }
```

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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