

Converting Colors

$Yxy(71.0095, 0.3258, 0.3459)$

Have a look what the booklet for
Yxy(71.0095, 0.3258, 0.3459)
contains.

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Color

Yxy(70.7106, 0.3258, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	DFDBCC
RGB	223, 219, 204
RGB Percent	87%, 86%, 80%
CMY	0.1252, 0.1412, 0.1999
CMYK	0.00, 0.02, 0.09, 0.13
HSL	47°, 23%, 84%
HSV	47°, 9%, 87%
XYZ	66.6788, 70.7106, 67.2723
YIQ	218.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

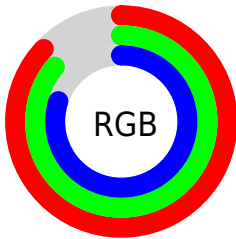
Format	Color
RYB	209, 223, 204
Decimal	14670796
CIELab	87.34, -1.17, 7.84
CIELCh	87, 7.925, 98.512
Yxy	70.7106, 0.3258, 0.3455
Android (android.graphics.Color)	4292860876 (0xFFDFDBCC)
YUV	218.4860, -7.1416, 3.9588
Hunter-Lab	84.0896, -5.6154, 11.4303

Details

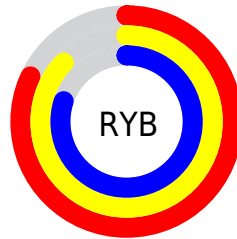
The Yxy color **70.7106, 0.3258, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3333, 0.2995, 0.3119**, and the grayscale version is **70.5189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0778, 0.3290, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **67.2595, 0.3422, 0.3656**, and if you desaturate by 10%, it is **74.3928, 0.3106, 0.3263**.

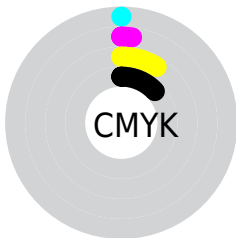
Distribution



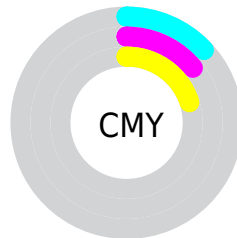
- Red (87%)
- Green (86%)
- Blue (80%)



- Red (82%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.7106, 0.3258, 0.3455 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 70.7106, 0.3258, 0.3455 by changing the saturation by 10% instead.

■ 70.7106, 0.3258,
0.3455

■ 70.7106, 0.3258,
0.3455

463.0411, 0.3197,
0.3378

■ 52.1061, 0.3272,
0.3473

120.2216, 0.3237,
0.3428

■ 37.0896, 0.3289,
0.3495

151.8968, 0.3229,
0.3418

■ 25.2769, 0.3311,
0.3523

188.6977, 0.3222,
0.3409

■ 16.2835, 0.3340,
0.3560

231.0086, 0.3215,
0.3401

■ 9.7250, 0.3380,
0.3611

279.2141, 0.3210,
0.3394

■ 5.2170, 0.3437,
0.3685

333.6984, 0.3205,

■ 2.3751, 0.3528,

0.3388

394.8459, 0.3201,
0.3383

0.3804

0.8130, 0.3928,
0.4292

0.0000, 0.0000,
0.0000

70.7106, 0.3258,
0.3455

70.7106, 0.3258,
0.3455

67.2595, 0.3422,
0.3656

74.3928, 0.3106,
0.3263

64.0233, 0.3596,
0.3860

78.3037, 0.2966,
0.3081

60.9974, 0.3776,
0.4061

81.3829, 0.2930,
0.3067

58.1737, 0.3957,
0.4251

84.1322, 0.2931,
0.3117

■ 55.5435, 0.4132,
0.4419

■ 86.9555, 0.2932,
0.3166

■ 53.0970, 0.4293,
0.4555

■ 89.8534, 0.2933,
0.3215

■ 50.8231, 0.4432,
0.4650

■ 92.8263, 0.2934,
0.3264

■ 48.7090, 0.4543,
0.4698

■ 94.4386, 0.2935,
0.3289

■ 46.7358, 0.4626,
0.4701

Harmonies

Analogous

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



70.7106, 0.3310, 0.3415



70.7106, 0.3258, 0.3455



70.7106, 0.3172, 0.3450

Triad

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



70.7106, 0.3258, 0.3455



70.7106, 0.2946, 0.3233



70.7106, 0.3178, 0.3183

Complementary

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



70.7106, 0.3258, 0.3455



63.3333, 0.2995, 0.3119

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.



70.7106, 0.3081, 0.3136



70.7106, 0.3258, 0.3455



70.7106, 0.2948, 0.3163

Square

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



70.7106, 0.3258, 0.3455



70.7106, 0.2992, 0.3320



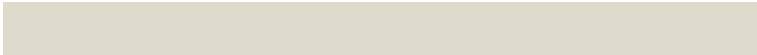
70.7106, 0.2997, 0.3128



70.7106, 0.3263, 0.3258

Rectangle

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



70.7106, 0.3258, 0.3455



70.7106, 0.3106, 0.3422



70.7106, 0.2997, 0.3128



70.7106, 0.3146, 0.3164

Sweetspot

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



70.7137, 0.3258, 0.3455



98.4752, 0.3172, 0.3348



63.4550, 0.3244, 0.3244



20.9915, 0.3185, 0.3363



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.



70.7137, 0.3258, 0.3455



95.0269, 0.3282, 0.3485



72.0262, 0.3214, 0.3501



15.5047, 0.3272, 0.3473



27.4680, 0.4629, 0.4707



2.0297, 0.4549, 0.4770

Inverse Universe

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



63.3333, 0.2995, 0.3119



83.3578, 0.2971, 0.3087



62.1426, 0.3035, 0.3075



13.7172, 0.2981, 0.3100



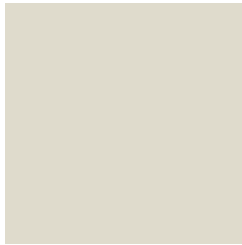
4.5009, 0.1563, 0.0826



0.4426, 0.1641, 0.1108

Previews

White Background



This preview shows how the Yxy color 70.7106, 0.3258, 0.3455 looks on a white background.

Color Contrast Check

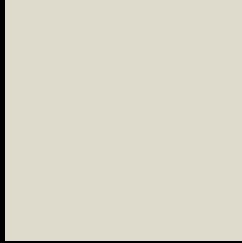
Large Text (above 18pt) WCAG AA × Fail

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 70.7106, 0.3258, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

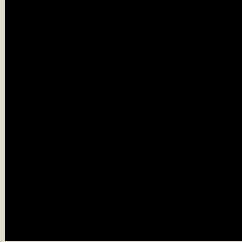
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

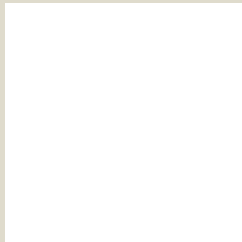
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.7106, 0.3258, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 70.7106, 0.3258, 0.3455.

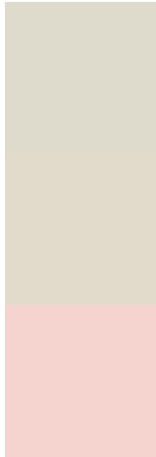


This preview shows how white text looks on a background with the Yxy color 70.7106, 0.3258, 0.3455.

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

70.7106, 0.3258, 0.3455

Protanopia

70.6234, 0.3288, 0.3455

Deuteranopia

70.4572, 0.3421, 0.3343



Tritanopia

70.7580, 0.3100, 0.3109

Trichromacy



Original Color

70.7106, 0.3258, 0.3455

Protanomaly

70.4622, 0.3281, 0.3455

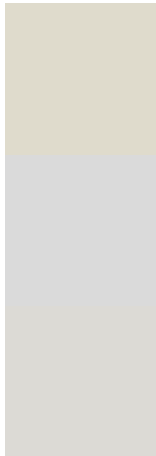
Deuteranomaly

70.5054, 0.3362, 0.3387

Tritanomaly

70.5544, 0.3159, 0.3225

Monochromacy



Original Color

70.7106, 0.3258, 0.3455

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.1625, 0.3175, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7106, 0.3258, 0.3455 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(223, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(223, 219, 204)  
}
```

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(223, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 204) }
```

Border

The CSS property to change the border of an element to Yxy 70.7106, 0.3258, 0.3455 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(223, 219, 204) }
```

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

```
.border{ border-color:rgb(223, 219, 204) }
```

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

Here you see how a box with a 4 pixel rgb(223, 219, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(223, 219,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7106, 0.3258, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 204) }
```

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

```
.background{ background-color: rgb(223,  
219, 204) }
```

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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