

Converting Colors

$Yxy(73.8196, 0.3150, 0.3454)$

Have a look what the booklet for
Yxy(73.8196, 0.3150, 0.3454)
contains.

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Color

Yxy(73.6948, 0.3154, 0.3455)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D8E2D3 |
| RGB | 216, 226, 211 |
| RGB Percent | 85%, 89%, 83% |
| CMY | 0.1530, 0.1137, 0.1724 |
| CMYK | 0.04, 0.00, 0.07, 0.11 |
| HSL | 100°, 21%, 86% |
| HSV | 100°, 7%, 89% |
| XYZ | 67.2745, 73.6948, 72.3297 |
| YIQ | 221.3000, -1.1450, -6.7850 |

Conversions

Conversions Part 2

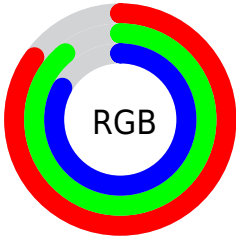
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 226, 221 |
| Decimal | 14213843 |
| CIE Lab | 88.78, -6.03, 6.14 |
| CIE LCh | 89, 8.611, 134.484 |
| Yxy | 73.6948, 0.3154, 0.3455 |
| Android (android.graphics.Color) | 4292403923 (0xFFD8E2D3) |
| YUV | 221.3000, -5.0779, -4.6481 |
| Hunter-Lab | 85.8457, -10.3452, 10.1369 |

Details

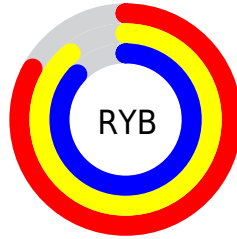
The Yxy color **73.6948, 0.3154, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4779, 0.3099, 0.3127**, and the grayscale version is **72.5674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1372, 0.3154, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **70.4449, 0.3193, 0.3726**, and if you desaturate by 10%, it is **77.3223, 0.3113, 0.3210**.

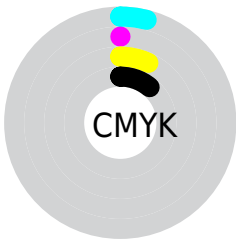
Distribution



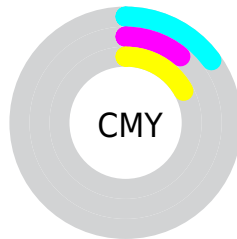
- Red (85%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6948, 0.3154, 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 73.6948, 0.3154, 0.3455 by changing the saturation by 10% instead.

■ 73.6948, 0.3154,
0.3455

■ 73.6948, 0.3154,
0.3455

473.4194, 0.3142,
0.3378

■ 54.5443, 0.3157,
0.3473

124.4631, 0.3150,
0.3428

■ 39.0370, 0.3160,
0.3495

156.8496, 0.3148,
0.3418

■ 26.7885, 0.3164,
0.3523

194.4169, 0.3147,
0.3409

■ 17.4144, 0.3169,
0.3560

237.5495, 0.3146,
0.3401

■ 10.5304, 0.3176,
0.3611

286.6316, 0.3145,
0.3394

■ 5.7520, 0.3185,
0.3686

342.0477, 0.3144,

■ 2.6949, 0.3198,

0.3388

404.1821, 0.3143,
0.3383

0.3806

0.9746, 0.3263,
0.4096

0.0000, 0.0000,
0.0000

73.6948, 0.3154,
0.3455

73.6948, 0.3154,
0.3455

70.4449, 0.3193,
0.3726

77.3223, 0.3113,
0.3210

67.5508, 0.3230,
0.4021

81.2497, 0.3081,
0.3004

65.0026, 0.3261,
0.4335

82.8753, 0.3140,
0.3009

62.7866, 0.3282,
0.4658

■ 60.8879, 0.3292,
0.4976

■ 59.2903, 0.3287,
0.5270

■ 57.9761, 0.3266,
0.5522

■ 56.9254, 0.3228,
0.5714

■ 56.1141, 0.3178,
0.5839

Harmonies

Analogous

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



73.6948, 0.3251, 0.3470



73.6948, 0.3154, 0.3455



73.6948, 0.3051, 0.3394

Triad

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



73.6948, 0.3154, 0.3455



73.6948, 0.2942, 0.3143



73.6948, 0.3287, 0.3274

Complementary

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



73.6948, 0.3154, 0.3455



67.4779, 0.3099, 0.3127

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.



73.6948, 0.3202, 0.3190



73.6948, 0.3154, 0.3455



73.6948, 0.3003, 0.3115

Square

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



73.6948, 0.3154, 0.3455



73.6948, 0.2930, 0.3211



73.6948, 0.3098, 0.3132



73.6948, 0.3329, 0.3363

Rectangle

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



73.6948, 0.3154, 0.3455



73.6948, 0.2993, 0.3335



73.6948, 0.3098, 0.3132



73.6948, 0.3263, 0.3244

Sweetspot

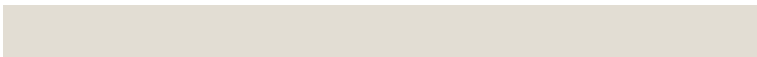
The Sweet Spot groups the original color and five complimentary colors.



73.6980, 0.3154, 0.3455



99.0345, 0.3135, 0.3339



72.5955, 0.3230, 0.3398



21.2076, 0.3135, 0.3336



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.



73.6980, 0.3154, 0.3455



96.2581, 0.3160, 0.3492



73.0807, 0.3103, 0.3429



15.5565, 0.3165, 0.3529



31.9380, 0.3172, 0.5864



2.2614, 0.3291, 0.5769

Inverse Universe

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



67.4779, 0.3099, 0.3127



86.4095, 0.3092, 0.3091



68.1315, 0.3152, 0.3155



13.6965, 0.3085, 0.3055



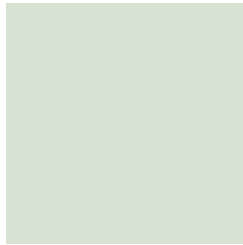
6.9634, 0.2392, 0.1091



0.5308, 0.2520, 0.1162

Previews

White Background



This preview shows how the Yxy color 73.6948, 0.3154, 0.3455 looks on a white background.

Color Contrast Check

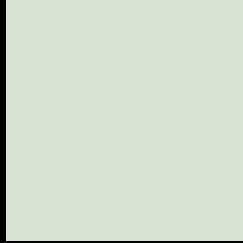
Large Text (above 18pt) WCAG AA × Fail

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 73.6948, 0.3154, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

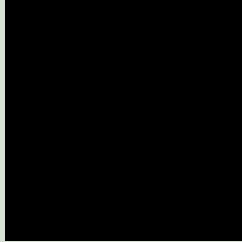
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

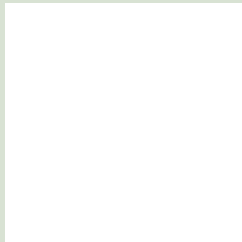
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6948, 0.3154, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 73.6948, 0.3154, 0.3455.

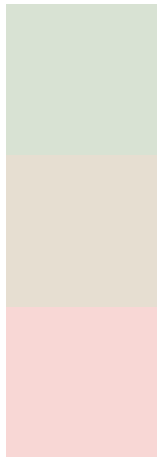


This preview shows how white text looks on a background with the Yxy color 73.6948, 0.3154, 0.3455.

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

73.6948, 0.3154, 0.3455

Protanopia

73.6690, 0.3272, 0.3430

Deuteranopia

73.3614, 0.3386, 0.3311



Tritanopia

73.6902, 0.3004, 0.3109

Trichromacy



Original Color

73.6948, 0.3154, 0.3455

Protanomaly

73.4360, 0.3227, 0.3431

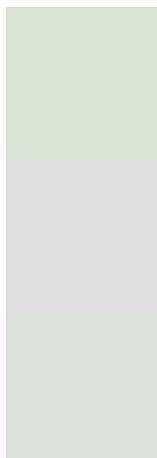
Deuteranomaly

73.2494, 0.3298, 0.3365

Tritanomaly

73.4926, 0.3061, 0.3225

Monochromacy



Original Color

73.6948, 0.3154, 0.3455

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8452, 0.3138, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6948, 0.3154, 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(216, 226, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 226, 211)  
}
```

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(216, 226, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 226, 211) }
```

Border

The CSS property to change the border of an element to Yxy 73.6948, 0.3154, 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(216, 226, 211) }
```

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

```
.border{ border-color:rgb(216, 226, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 226, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 226, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 226, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 226,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6948, 0.3154, 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(216, 226, 211) }
```

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

```
.background{ background-color: rgb(216,  
226, 211) }
```

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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