

Converting Colors

$Yxy(69.5291, 0.3148, 0.3376)$

Have a look what the booklet for
Yxy(69.5291, 0.3148, 0.3376)
contains.

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Color

Yxy(69.6623, 0.3144, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	D6DBD3
RGB	214, 219, 211
RGB Percent	84%, 86%, 83%
CMY	0.1609, 0.1411, 0.1724
CMYK	0.02, 0.00, 0.04, 0.14
HSL	98°, 10%, 84%
HSV	98°, 4%, 86%
XYZ	64.8175, 69.6623, 71.6827
YIQ	216.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

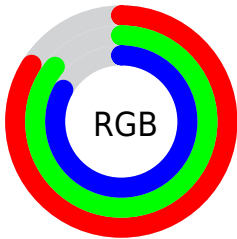
Format	Color
RYP	211, 219, 216
Decimal	14080979
CIELab	86.83, -3.13, 3.31
CIElCh	87, 4.557, 133.445
Yxy	69.6623, 0.3144, 0.3379
Android (android.graphics.Color)	4292271059 (0xFFD6DBD3)
YUV	216.5930, -2.7573, -2.2741
Hunter-Lab	83.4639, -7.4401, 7.5038

Details

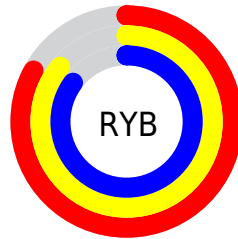
The Yxy color **69.6623, 0.3144, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3346, 0.3110, 0.3201**, and the grayscale version is **69.1145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3562, 0.3141, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **66.6439, 0.3190, 0.3641**, and if you desaturate by 10%, it is **73.0137, 0.3098, 0.3143**.

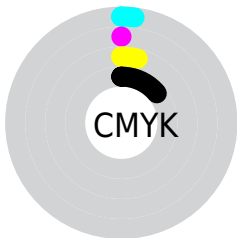
Distribution



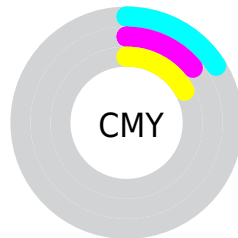
- Red (84%)
- Green (86%)
- Blue (83%)



- Red (83%)
- Yellow (86%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6623, 0.3144, 0.3379 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 69.6623, 0.3144, 0.3379 by changing the saturation by 10% instead.

■ 69.6623, 0.3144,
0.3379

■ 69.6623, 0.3144,
0.3379

459.3634, 0.3136,
0.3337

■ 51.2513, 0.3146,
0.3389

118.7270, 0.3141,
0.3364

■ 36.4086, 0.3148,
0.3401

150.1496, 0.3140,
0.3359

■ 24.7499, 0.3151,
0.3416

186.6780, 0.3139,
0.3354

■ 15.8909, 0.3154,
0.3436

228.6968, 0.3139,
0.3350

■ 9.4470, 0.3159,
0.3465

276.5904, 0.3138,
0.3346

■ 5.0338, 0.3166,
0.3507

330.7430, 0.3137,

■ 2.2671, 0.3177,

0.3343

0.3575

391.5393, 0.3137,
0.3340

0.7562, 0.3227,
0.3799

0.0000, 0.0000,
0.0000

69.6623, 0.3144,
0.3379

69.6623, 0.3144,
0.3379

66.6439, 0.3190,
0.3641

73.0137, 0.3098,
0.3143

63.9391, 0.3233,
0.3927

76.6990, 0.3053,
0.2932

61.5399, 0.3272,
0.4232

79.1489, 0.3144,
0.2940

59.4346, 0.3302,
0.4549

■ 57.6108, 0.3321,
0.4864

■ 56.0550, 0.3325,
0.5162

■ 54.7523, 0.3311,
0.5424

■ 53.6863, 0.3279,
0.5632

■ 52.8377, 0.3232,
0.5778

Harmonies

Analogous

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



69.6623, 0.3196, 0.3387



69.6623, 0.3144, 0.3379



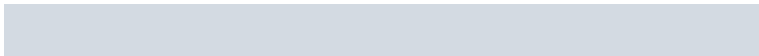
69.6623, 0.3088, 0.3347

Triad

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



69.6623, 0.3144, 0.3379



69.6623, 0.3026, 0.3212



69.6623, 0.3212, 0.3280

Complementary

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



69.6623, 0.3144, 0.3379



66.3346, 0.3110, 0.3201

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.



69.6623, 0.3166, 0.3234



69.6623, 0.3144, 0.3379



69.6623, 0.3059, 0.3195

Square

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



69.6623, 0.3144, 0.3379



69.6623, 0.3020, 0.3250



69.6623, 0.3110, 0.3203



69.6623, 0.3235, 0.3329

Rectangle

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



69.6623, 0.3144, 0.3379



69.6623, 0.3056, 0.3316



69.6623, 0.3110, 0.3203



69.6623, 0.3199, 0.3264

Sweetspot

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



69.6653, 0.3144, 0.3379



99.5322, 0.3132, 0.3314



68.8557, 0.3183, 0.3345



21.3089, 0.3132, 0.3313



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.



69.6653, 0.3144, 0.3379



98.1570, 0.3146, 0.3389



69.2755, 0.3117, 0.3369



15.1547, 0.3149, 0.3406



31.1209, 0.3209, 0.5834



2.0641, 0.3337, 0.5732

Inverse Universe

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



66.3346, 0.3110, 0.3201



92.9601, 0.3108, 0.3192



66.7360, 0.3138, 0.3212



14.2179, 0.3104, 0.3175



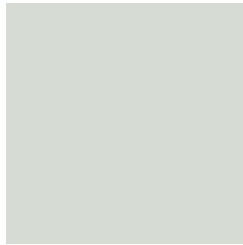
6.3282, 0.2309, 0.1046



0.4582, 0.2456, 0.1127

Previews

White Background



This preview shows how the Yxy color 69.6623, 0.3144, 0.3379 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 69.6623, 0.3144, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

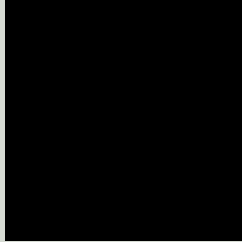
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

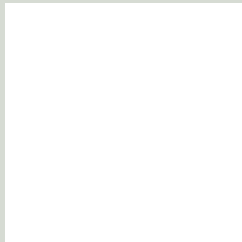
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6623, 0.3144, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 69.6623, 0.3144, 0.3379.

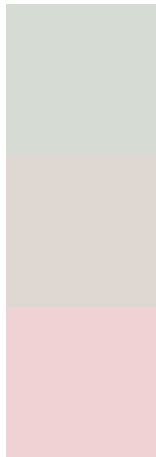


This preview shows how white text looks on a background with the Yxy color 69.6623, 0.3144, 0.3379.

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

69.6623, 0.3144, 0.3379

Protanopia

69.4529, 0.3219, 0.3356

Deuteranopia

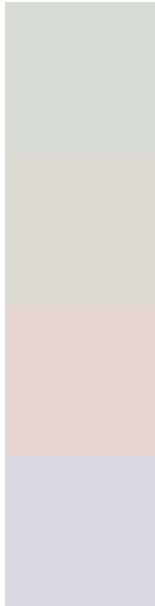
69.4225, 0.3333, 0.3259



Tritanopia

69.7466, 0.3022, 0.3105

Trichromacy



Original Color

69.6623, 0.3144, 0.3379

Protanomaly

69.4945, 0.3196, 0.3368

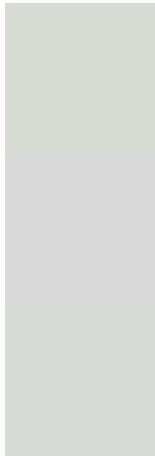
Deuteranomaly

69.3309, 0.3268, 0.3301

Tritanomaly

69.6609, 0.3067, 0.3202

Monochromacy



Original Color

69.6623, 0.3144, 0.3379

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.6480, 0.3133, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6623, 0.3144, 0.3379 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(214, 219, 211)` looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 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(214, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 211) }
```

Border

The CSS property to change the border of an element to Yxy 69.6623, 0.3144, 0.3379 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(214, 219, 211) }
```

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

```
.border{ border-color:rgb(214, 219, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 211);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6623, 0.3144, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 211) }
```

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

```
.background{ background-color: rgb(214,  
219, 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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