

Converting Colors

Yxy(69.2423, 0.3184, 0.3433)

Have a look what the booklet for
Yxy(69.2423, 0.3184, 0.3433)
contains.

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Color

Yxy(69.5663, 0.3185, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	D7DBCE
RGB	215, 219, 206
RGB Percent	84%, 86%, 81%
CMY	0.1570, 0.1411, 0.1922
CMYK	0.02, 0.00, 0.06, 0.14
HSL	79°, 15%, 83%
HSV	79°, 6%, 86%
XYZ	64.4845, 69.5663, 68.4123
YIQ	216.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

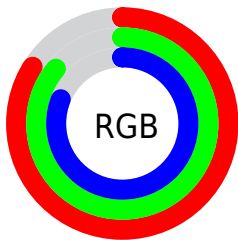
Format	Color
R _{YB}	206, 219, 210
Decimal	14146510
CIE Lab	86.78, -3.68, 5.91
CIE LCh	87, 6.968, 121.925
Yxy	69.5663, 0.3185, 0.3436
Android (android.graphics.Color)	4292336590 (0xFFD7DBCE)
YUV	216.3220, -5.0887, -1.1594
Hunter-Lab	83.4064, -7.9565, 9.7532

Details

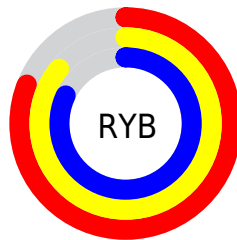
The Yxy color **69.5663, 0.3185, 0.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9617, 0.3067, 0.3142**, and the grayscale version is **68.9315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2915, 0.3195, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **67.5649, 0.3283, 0.3695**, and if you desaturate by 10%, it is **71.7652, 0.3088, 0.3194**.

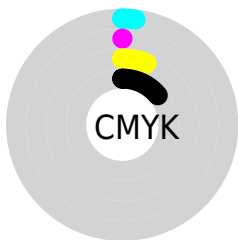
Distribution



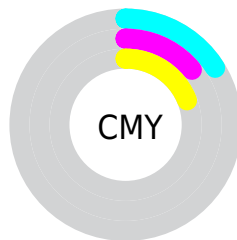
- Red (84%)
- Green (86%)
- Blue (81%)



- Red (81%)
- Yellow (86%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5663, 0.3185, 0.3436 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 69.5663, 0.3185, 0.3436 by changing the saturation by 10% instead.

■ 69.5663, 0.3185,
0.3436

■ 69.5663, 0.3185,
0.3436

459.0257, 0.3158,
0.3367

■ 51.1730, 0.3191,
0.3452

118.5901, 0.3176,
0.3412

■ 36.3463, 0.3199,
0.3472

149.9894, 0.3172,
0.3403

■ 24.7018, 0.3208,
0.3497

186.4928, 0.3169,
0.3395

■ 15.8550, 0.3221,
0.3531

228.4847, 0.3166,
0.3388

■ 9.4216, 0.3238,
0.3578

276.3496, 0.3164,
0.3382

■ 5.0172, 0.3263,
0.3647

330.4718, 0.3162,

■ 2.2574, 0.3301,

0.3376

0.3760

391.2357, 0.3160,
0.3372

0.7510, 0.3507,
0.4221

0.0000, 0.0000,
0.0000

69.5663, 0.3185,
0.3436

69.5663, 0.3185,
0.3436

67.5649, 0.3283,
0.3695

71.7652, 0.3088,
0.3194

65.7455, 0.3380,
0.3966


74.1590, 0.2995,
0.2972

64.1040, 0.3472,
0.4243


75.6342, 0.3009,
0.2925


62.6328, 0.3554,
0.4517

76.8232, 0.3056,
0.2931


 61.3237, 0.3620,
0.4777

 78.0574, 0.3103,
0.2936

 60.1677, 0.3667,
0.5011

 79.1538, 0.3144,
0.2940

 59.1547, 0.3690,
0.5206

 58.2728, 0.3688,
0.5355

 57.5078, 0.3662,
0.5454

Harmonies

Analogous

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



69.5663, 0.3256, 0.3431



69.5663, 0.3185, 0.3436



69.5663, 0.3099, 0.3400

Triad

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



69.5663, 0.3185, 0.3436



69.5663, 0.2964, 0.3189



69.5663, 0.3233, 0.3246

Complementary

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



69.5663, 0.3185, 0.3436



62.9617, 0.3067, 0.3142

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.



69.5663, 0.3154, 0.3184



69.5663, 0.3185, 0.3436



69.5663, 0.2999, 0.3150

Square

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



69.5663, 0.3185, 0.3436



69.5663, 0.2973, 0.3256



69.5663, 0.3068, 0.3149



69.5663, 0.3284, 0.3321

Rectangle

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



69.5663, 0.3185, 0.3436



69.5663, 0.3045, 0.3358



69.5663, 0.3068, 0.3149



69.5663, 0.3209, 0.3223

Sweetspot

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



69.5693, 0.3185, 0.3436



99.3752, 0.3147, 0.3339



65.5613, 0.3223, 0.3334



21.2770, 0.3146, 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.



69.5693, 0.3185, 0.3436



97.8619, 0.3196, 0.3464



68.6255, 0.3139, 0.3438



15.1340, 0.3201, 0.3476



33.9828, 0.3655, 0.5480



2.2465, 0.3745, 0.5408

Inverse Universe

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



62.9617, 0.3067, 0.3142



86.8803, 0.3055, 0.3114



63.9140, 0.3114, 0.3145



13.3220, 0.3050, 0.3101



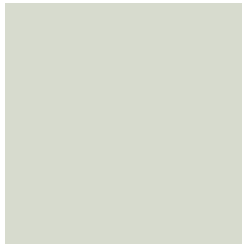
3.8201, 0.1721, 0.0722



0.2925, 0.1900, 0.0820

Previews

White Background



This preview shows how the Yxy color 69.5663, 0.3185, 0.3436 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 69.5663, 0.3185, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

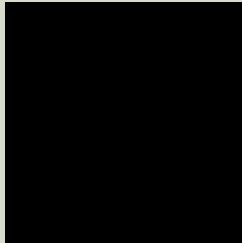
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

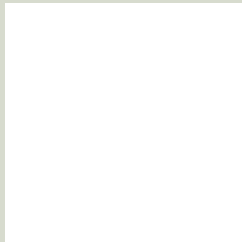
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5663, 0.3185, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 69.5663, 0.3185, 0.3436.



This preview shows how white text looks on a background with the Yxy color 69.5663, 0.3185, 0.3436.

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

69.5663, 0.3185, 0.3436

Protanopia

69.3187, 0.3268, 0.3423

Deuteranopia

69.5245, 0.3385, 0.3312



Tritanopia

69.4871, 0.3043, 0.3106

Trichromacy



Original Color

69.5663, 0.3185, 0.3436

Protanomaly

69.4056, 0.3238, 0.3423

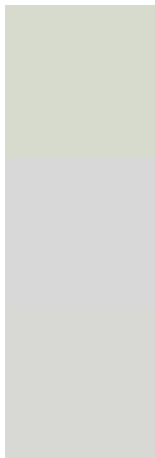
Deuteranomaly

69.2493, 0.3311, 0.3355

Tritanomaly

69.3449, 0.3095, 0.3213

Monochromacy



Original Color

69.5663, 0.3185, 0.3436

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9781, 0.3154, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5663, 0.3185, 0.3436 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(215, 219, 206)` looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 206)  
}
```

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(215, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 206) }
```

Border

The CSS property to change the border of an element to Yxy 69.5663, 0.3185, 0.3436 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(215, 219, 206) }
```

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

```
.border{ border-color:rgb(215, 219, 206) }
```

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

Here you see how a box with a 4 pixel rgb(215, 219, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(215, 219,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5663, 0.3185, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 206) }
```

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

```
.background{ background-color: rgb(215,  
219, 206) }
```

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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