

Converting Colors

$Yxy(69.6764, 0.3071, 0.3618)$

Have a look what the booklet for
Yxy(69.6764, 0.3071, 0.3618)
contains.

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Color

Yxy(69.6764, 0.3071, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	C0E2C6
RGB	192, 226, 198
RGB Percent	75%, 89%, 78%
CMY	0.2468, 0.1138, 0.2235
CMYK	0.15, 0.00, 0.12, 0.11
HSL	131°, 37%, 82%
HSV	131°, 15%, 89%
XYZ	59.1421, 69.6764, 63.7641
YIQ	212.6420, -11.2760, -15.9160

Conversions

Conversions Part 2

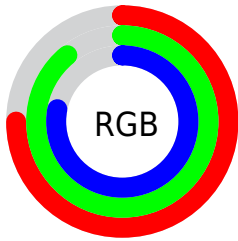
Format	Color
RYB	192, 221, 226
Decimal	12640966
CIELab	86.84, -16.40, 9.98
CIELCh	87, 19.200, 148.686
Yxy	69.6764, 0.3071, 0.3618
Android (android.graphics.Color)	4290831046 (0xFFC0E2C6)
YUV	212.6420, -7.2185, -18.1030
Hunter-Lab	83.4724, -19.6053, 13.1394

Details

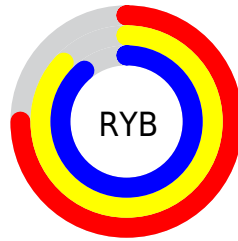
The Yxy color **69.6764, 0.3071, 0.3618** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.0680, 0.3189, 0.2983**, and the grayscale version is **66.3529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **36.5427, 0.3054, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **66.1428, 0.3034, 0.3871**, and if you desaturate by 10%, it is **73.7747, 0.3109, 0.3393**.

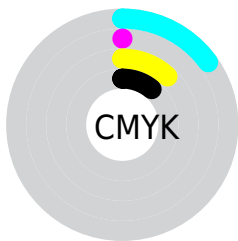
Distribution



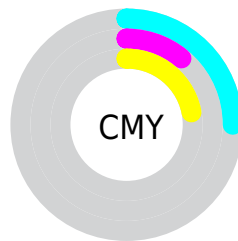
- Red (75%)
- Green (89%)
- Blue (78%)



- Red (75%)
- Yellow (87%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6764, 0.3071, 0.3618 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 69.6764, 0.3071, 0.3618 by changing the saturation by 10% instead.

■ 69.6764, 0.3071,
0.3618

■ 69.6764, 0.3071,
0.3618

459.4130, 0.3099,
0.3461

■ 51.2628, 0.3064,
0.3655

■ 118.7472, 0.3081,
0.3563

■ 36.4178, 0.3055,
0.3702

150.1731, 0.3085,
0.3541

■ 24.7570, 0.3044,
0.3762

186.7052, 0.3088,
0.3523

■ 15.8961, 0.3028,
0.3842

228.7280, 0.3091,
0.3508

■ 9.4507, 0.3004,
0.3955

276.6257, 0.3093,
0.3494

■ 5.0363, 0.2967,
0.4126


330.7829, 0.3095,

■ 2.2686, 0.2899,

0.3482

0.4414

391.5838, 0.3097,
0.3471

 0.7570, 0.2653,
0.6294


 0.0000, 0.0000,
0.0000


 69.6764, 0.3071,
0.3618


 69.6764, 0.3071,
0.3618


 66.1428, 0.3034,
0.3871


 73.7747, 0.3109,
0.3393


 63.1408, 0.2998,
0.4150

 78.4519, 0.3145,
0.3194

 60.6469, 0.2967,
0.4450

 82.7972, 0.3147,
0.3019

 58.6328, 0.2942,
0.4761

 82.8655, 0.3140,
0.3009

■ 57.0671, 0.2927,
0.5067

■ 55.9147, 0.2923,
0.5352

■ 55.1352, 0.2931,
0.5596

■ 54.6794, 0.2950,
0.5784

■ 54.5358, 0.2960,
0.5855

Harmonies

Analogous

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



69.6764, 0.3306, 0.3704



69.6764, 0.3071, 0.3618



69.6764, 0.2857, 0.3433

Triad

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



69.6764, 0.3071, 0.3618



69.6764, 0.2763, 0.2916



69.6764, 0.3554, 0.3344

Complementary

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



69.6764, 0.3071, 0.3618



59.0680, 0.3189, 0.2983

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.



69.6764, 0.3398, 0.3148



69.6764, 0.3071, 0.3618



69.6764, 0.2938, 0.2907

Square

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



69.6764, 0.3071, 0.3618



69.6764, 0.2684, 0.3023



69.6764, 0.3170, 0.2991



69.6764, 0.3591, 0.3534

Rectangle

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



69.6764, 0.3071, 0.3618



69.6764, 0.2753, 0.3285



69.6764, 0.3170, 0.2991



69.6764, 0.3514, 0.3277

Sweetspot

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



69.6794, 0.3071, 0.3618



97.0025, 0.3109, 0.3393



73.4624, 0.3310, 0.3666



20.6757, 0.3106, 0.3408



0.0000, 0.0000, 0.0000



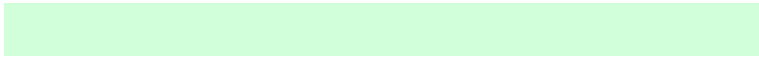
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6794, 0.3071, 0.3618



90.1068, 0.3059, 0.3694



70.4916, 0.2968, 0.3420



15.3762, 0.3092, 0.3489



31.1290, 0.2954, 0.5835



2.1695, 0.2881, 0.5570

Inverse Universe

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



59.0680, 0.3189, 0.2983



73.6231, 0.3203, 0.2917



58.2280, 0.3317, 0.3164



13.8923, 0.3164, 0.3099



11.2729, 0.3706, 0.1815



0.7923, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 69.6764, 0.3071, 0.3618 looks on a white background.

Color Contrast Check

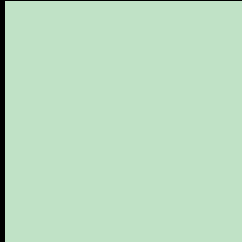
Large Text (above 18pt) WCAG AA × Fail

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 69.6764, 0.3071, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

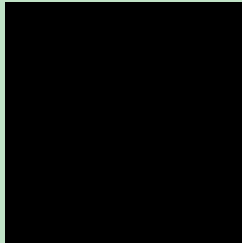
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

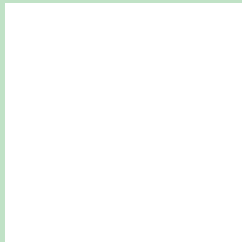
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6764, 0.3071, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 69.6764, 0.3071, 0.3618.

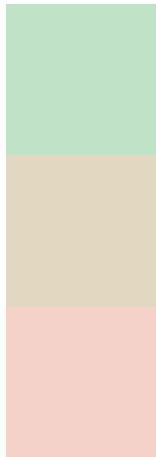


This preview shows how white text looks on a background with the Yxy color 69.6764, 0.3071, 0.3618.

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

69.6764, 0.3071, 0.3618

Protanopia

69.1307, 0.3361, 0.3545

Deuteranopia

69.0511, 0.3454, 0.3376



Tritanopia

69.5016, 0.2870, 0.3089

Trichromacy



Original Color

69.6764, 0.3071, 0.3618

Protanomaly

69.4227, 0.3251, 0.3573

Deuteranomaly

68.7786, 0.3305, 0.3456

Tritanomaly

69.3060, 0.2942, 0.3278

Monochromacy



Original Color

69.6764, 0.3071, 0.3618

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.6760, 0.3100, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6764, 0.3071, 0.3618 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(192, 226, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 226, 198)  
}
```

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(192, 226, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 226, 198) }
```

Border

The CSS property to change the border of an element to Yxy 69.6764, 0.3071, 0.3618 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(192, 226, 198) }
```

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

```
.border{ border-color:rgb(192, 226, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 226, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 226, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 226, 198); box-shadow:4px 4px 4px 4px rgb(192, 226, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6764, 0.3071, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 226, 198) }
```

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

```
.background{ background-color: rgb(192,  
226, 198) }
```

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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