

Converting Colors

$Yxy(69.5254, 0.3071, 0.3595)$

Have a look what the booklet for
Yxy(69.5254, 0.3071, 0.3595)
contains.

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Color

Yxy(69.3114, 0.3071, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	C1E1C7
RGB	193, 225, 199
RGB Percent	76%, 88%, 78%
CMY	0.2432, 0.1176, 0.2194
CMYK	0.14, 0.00, 0.12, 0.12
HSL	131°, 35%, 82%
HSV	131°, 14%, 88%
XYZ	59.2252, 69.3114, 64.3165
YIQ	212.4680, -10.7260, -14.8700

Conversions

Conversions Part 2

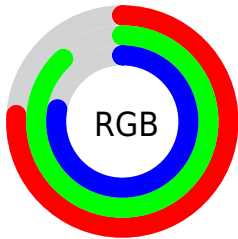
Format	Color
RYB	193, 220, 225
Decimal	12706247
CIELab	86.66, -15.43, 9.19
CIELCh	87, 17.956, 149.228
Yxy	69.3114, 0.3071, 0.3594
Android (android.graphics.Color)	4290896327 (0xFFC1E1C7)
YUV	212.4680, -6.6397, -17.0734
Hunter-Lab	83.2535, -18.7115, 12.4736

Details

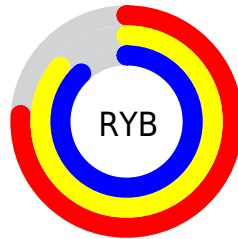
The Yxy color **69.3114, 0.3071, 0.3594** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.2483, 0.3189, 0.3004**, and the grayscale version is **66.2169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **36.2828, 0.3056, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **65.7819, 0.3032, 0.3841**, and if you desaturate by 10%, it is **73.3981, 0.3111, 0.3375**.

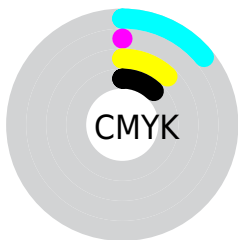
Distribution



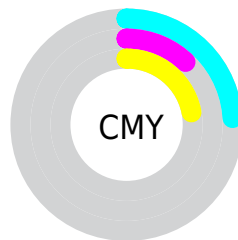
- Red (76%)
- Green (88%)
- Blue (78%)



- Red (76%)
- Yellow (86%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)





- Cyan (24%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3114, 0.3071, 0.3594 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 69.3114, 0.3071, 0.3594 by changing the saturation by 10% instead.


 69.3114, 0.3071,
0.3594

 69.3114, 0.3071,
0.3594

458.1285, 0.3099,
0.3449

 50.9654, 0.3064,
0.3628

 118.2262, 0.3081,
0.3543

 36.1810, 0.3056,
0.3671


149.5638, 0.3085,
0.3523

 24.5740, 0.3044,
0.3727


186.0007, 0.3088,
0.3506

 15.7600, 0.3029,
0.3801

227.9213, 0.3091,
0.3492

 9.3545, 0.3006,
0.3906

275.7100, 0.3093,
0.3479

 4.9731, 0.2970,
0.4064


329.7511, 0.3095,


 2.2315, 0.2906,


0.3468


0.4331


390.4292, 0.3097,
0.3458


 0.7371, 0.2653,
0.6035


 0.0000, 0.0000,
0.0000


 69.3114, 0.3071,
0.3594

 69.3114, 0.3071,
0.3594

 65.7819, 0.3032,
0.3841

 73.3981, 0.3111,
0.3375

 62.7771, 0.2994,
0.4113

 78.0557, 0.3149,
0.3182

 60.2742, 0.2961,
0.4406

 82.2547, 0.3149,
0.3011

 58.2455, 0.2935,
0.4711

 82.3347, 0.3141,
0.2999

■ 56.6605, 0.2919,
0.5015

■ 55.4852, 0.2914,
0.5301

■ 54.6803, 0.2922,
0.5550

■ 54.1985, 0.2941,
0.5746

■ 54.0265, 0.2954,
0.5833

Harmonies

Analogous

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



69.3114, 0.3291, 0.3677



69.3114, 0.3071, 0.3594



69.3114, 0.2871, 0.3420

Triad

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



69.3114, 0.3071, 0.3594



69.3114, 0.2788, 0.2938



69.3114, 0.3529, 0.3345

Complementary

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



69.3114, 0.3071, 0.3594



59.2483, 0.3189, 0.3004

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.



69.3114, 0.3384, 0.3160



69.3114, 0.3071, 0.3594



69.3114, 0.2954, 0.2930

Square

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



69.3114, 0.3071, 0.3594



69.3114, 0.2711, 0.3038



69.3114, 0.3172, 0.3011



69.3114, 0.3561, 0.3522

Rectangle

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



69.3114, 0.3071, 0.3594



69.3114, 0.2774, 0.3282



69.3114, 0.3172, 0.3011



69.3114, 0.3492, 0.3282

Sweetspot

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



69.3143, 0.3071, 0.3594



97.5955, 0.3111, 0.3370



72.7848, 0.3297, 0.3646



20.7956, 0.3108, 0.3386



0.0000, 0.0000, 0.0000



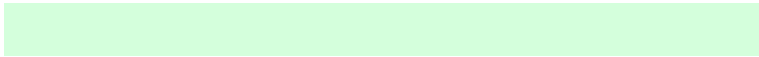
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3143, 0.3071, 0.3594



90.6253, 0.3060, 0.3662



70.0880, 0.2973, 0.3406



15.3795, 0.3090, 0.3486



31.1428, 0.2948, 0.5812



2.1710, 0.2872, 0.5538

Inverse Universe

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



59.2483, 0.3189, 0.3004



74.8742, 0.3203, 0.2944



58.4546, 0.3310, 0.3177



13.8887, 0.3167, 0.3102



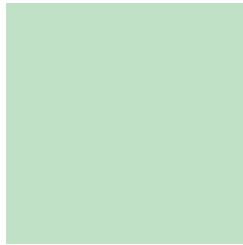
11.1953, 0.3753, 0.1841



0.7876, 0.3654, 0.1787

Previews

White Background



This preview shows how the Yxy color 69.3114, 0.3071, 0.3594 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 69.3114, 0.3071, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

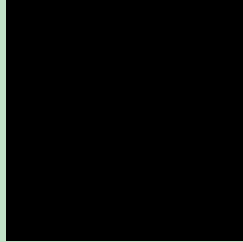
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

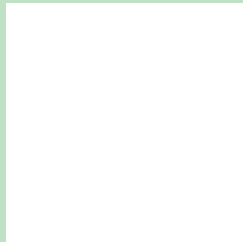
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3114, 0.3071, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 69.3114, 0.3071, 0.3594.



This preview shows how white text looks on a background with the Yxy color 69.3114, 0.3071, 0.3594.

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

69.3114, 0.3071, 0.3594

Protanopia

69.1755, 0.3354, 0.3534

Deuteranopia

68.9199, 0.3438, 0.3365



Tritanopia

69.4429, 0.2876, 0.3100

Trichromacy



Original Color

69.3114, 0.3071, 0.3594

Protanomaly

68.9447, 0.3246, 0.3551

Deuteranomaly

68.8255, 0.3298, 0.3445

Tritanomaly

69.4406, 0.2949, 0.3278

Monochromacy



Original Color

69.3114, 0.3071, 0.3594

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.1098, 0.3107, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3114, 0.3071, 0.3594 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(193, 225, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 225, 199)  
}
```

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(193, 225, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 225, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.3114, 0.3071, 0.3594 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(193, 225, 199) }
```

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

```
.border{ border-color:rgb(193, 225, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 225, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 225, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 225, 199); box-shadow:4px 4px 4px 4px rgb(193, 225, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3114, 0.3071, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 225, 199) }
```

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

```
.background{ background-color: rgb(193,  
225, 199) }
```

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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