

Converting Colors

Yxy(69.5385, 0.3081, 0.3509)

Have a look what the booklet for
Yxy(69.5385, 0.3081, 0.3509)
contains.

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Color

Yxy(69.2771, 0.3082, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	C7DFCC
RGB	199, 223, 204
RGB Percent	78%, 87%, 80%
CMY	0.2195, 0.1255, 0.1999
CMYK	0.11, 0.00, 0.09, 0.13
HSL	132°, 27%, 83%
HSV	132°, 11%, 87%
XYZ	60.8470, 69.2771, 67.3028
YIQ	213.6580, -8.2050, -10.9970

Conversions

Conversions Part 2

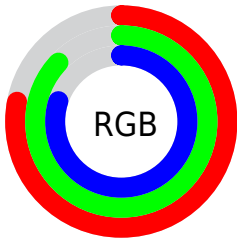
Format	Color
RYB	199, 219, 223
Decimal	13098956
CIELab	86.64, -11.49, 6.60
CIElCh	87, 13.252, 150.132
Yxy	69.2771, 0.3082, 0.3509
Android (android.graphics.Color)	4291289036 (0xFFC7DFCC)
YUV	213.6580, -4.7614, -12.8551
Hunter-Lab	83.2329, -15.1660, 10.3206

Details

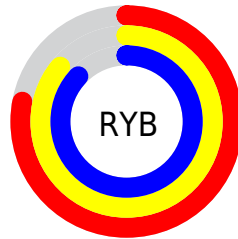
The Yxy color **69.2771, 0.3082, 0.3509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6096, 0.3176, 0.3080**, and the grayscale version is **67.0453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2270, 0.3069, 0.3565** is the 20% darker color. If you saturate the color by 10%, you get **65.6494, 0.3040, 0.3740**, and if you desaturate by 10%, it is **73.4537, 0.3124, 0.3304**.

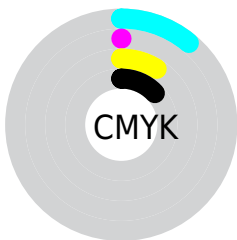
Distribution



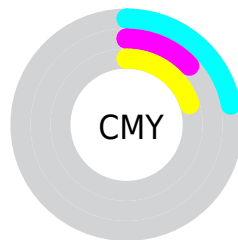
- Red (78%)
- Green (87%)
- Blue (80%)



- Red (78%)
- Yellow (86%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2771, 0.3082, 0.3509 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 69.2771, 0.3082, 0.3509 by changing the saturation by 10% instead.

■ 69.2771, 0.3082,
0.3509

■ 69.2771, 0.3082,
0.3509

458.0077, 0.3104,
0.3405

■ 50.9374, 0.3077,
0.3533

118.1773, 0.3090,
0.3472

■ 36.1588, 0.3070,
0.3564

149.5065, 0.3093,
0.3458

■ 24.5569, 0.3061,
0.3603

185.9345, 0.3095,
0.3446

■ 15.7472, 0.3050,
0.3656

227.8454, 0.3098,
0.3436

■ 9.3455, 0.3033,
0.3729

275.6239, 0.3099,
0.3427

■ 4.9672, 0.3007,
0.3840


329.6541, 0.3101,

■ 2.2280, 0.2962,


0.3419


0.4024


390.3206, 0.3103,
0.3412

 0.7352, 0.2802,
0.4926


 0.0000, 0.0000,
0.0000


 69.2771, 0.3082,
0.3509


 69.2771, 0.3082,
0.3509


 65.6494, 0.3040,
0.3740


 73.4537, 0.3124,
0.3304

 62.5393, 0.2999,
0.3997

 78.1916, 0.3165,
0.3125

 59.9255, 0.2963,
0.4277

 81.2535, 0.3142,
0.2980

 57.7820, 0.2932,
0.4572

■ 56.0802, 0.2911,
0.4873

■ 54.7886, 0.2902,
0.5163

■ 53.8711, 0.2906,
0.5427

■ 53.2852, 0.2923,
0.5647

■ 52.9742, 0.2945,
0.5802

Harmonies

Analogous

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



69.2771, 0.3245, 0.3573



69.2771, 0.3082, 0.3509



69.2771, 0.2934, 0.3382

Triad

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



69.2771, 0.3082, 0.3509



69.2771, 0.2878, 0.3028



69.2771, 0.3424, 0.3337

Complementary

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



69.2771, 0.3082, 0.3509



61.6096, 0.3176, 0.3080

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.



69.2771, 0.3321, 0.3198



69.2771, 0.3082, 0.3509



69.2771, 0.3004, 0.3023

Square

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



69.2771, 0.3082, 0.3509



69.2771, 0.2819, 0.3102



69.2771, 0.3166, 0.3085



69.2771, 0.3446, 0.3468

Rectangle

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



69.2771, 0.3082, 0.3509



69.2771, 0.2863, 0.3281



69.2771, 0.3166, 0.3085



69.2771, 0.3398, 0.3290

Sweetspot

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



69.2800, 0.3082, 0.3509



98.1939, 0.3115, 0.3349



71.8350, 0.3252, 0.3557



20.9167, 0.3111, 0.3365



0.0000, 0.0000, 0.0000



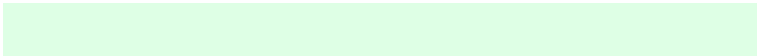
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2800, 0.3082, 0.3509



92.6693, 0.3072, 0.3561



69.8673, 0.3007, 0.3372



15.3837, 0.3087, 0.3481



31.1624, 0.2939, 0.5781



2.1730, 0.2860, 0.5497

Inverse Universe

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



61.6096, 0.3176, 0.3080



80.2062, 0.3187, 0.3033



61.0142, 0.3263, 0.3210



13.8842, 0.3169, 0.3106



11.0974, 0.3815, 0.1875



0.7817, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 69.2771, 0.3082, 0.3509 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 69.2771, 0.3082, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

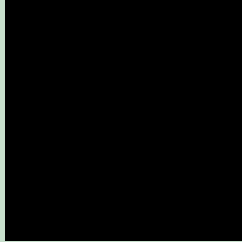
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

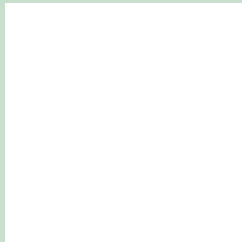
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2771, 0.3082, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 69.2771, 0.3082, 0.3509.



This preview shows how white text looks on a background with the Yxy color 69.2771, 0.3082, 0.3509.

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

69.2771, 0.3082, 0.3509

Protanopia

69.1292, 0.3296, 0.3467

Deuteranopia

68.8067, 0.3386, 0.3312



Tritanopia

69.0363, 0.2915, 0.3090

Trichromacy



Original Color

69.2771, 0.3082, 0.3509

Protanomaly

69.3272, 0.3219, 0.3493

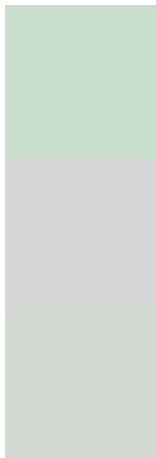
Deuteranomaly

68.7181, 0.3272, 0.3378

Tritanomaly

69.1248, 0.2976, 0.3245

Monochromacy



Original Color

69.2771, 0.3082, 0.3509

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8342, 0.3116, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2771, 0.3082, 0.3509 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(199, 223, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 223, 204)  
}
```

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(199, 223, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 223, 204) }
```

Border

The CSS property to change the border of an element to Yxy 69.2771, 0.3082, 0.3509 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(199, 223, 204) }
```

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

```
.border{ border-color:rgb(199, 223, 204) }
```

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

Here you see how a box with a 4 pixel rgb(199, 223, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 223, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 223, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 223,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2771, 0.3082, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 223, 204) }
```

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

```
.background{ background-color: rgb(199,  
223, 204) }
```

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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