

Converting Colors

$Yxy(69.0652, 0.3036, 0.3463)$

Have a look what the booklet for
Yxy(69.0652, 0.3036, 0.3463)
contains.

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Color

Yxy(69.0652, 0.3036, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	C4DFD0
RGB	196, 223, 208
RGB Percent	77%, 87%, 82%
CMY	0.2312, 0.1255, 0.1843
CMYK	0.12, 0.00, 0.07, 0.13
HSL	147°, 30%, 82%
HSV	147°, 12%, 87%
XYZ	60.5492, 69.0652, 69.8231
YIQ	213.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

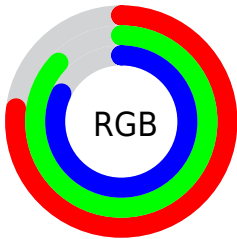
Format	Color
R _{YB}	196, 215, 223
Decimal	12902352
CIE Lab	86.54, -11.74, 4.32
CIE LCh	87, 12.513, 159.811
Yxy	69.0652, 0.3036, 0.3463
Android (android.graphics.Color)	4291092432 (0xFFC4DFD0)
YUV	213.2170, -2.5720, -15.0993
Hunter-Lab	83.1055, -15.3826, 8.3599

Details

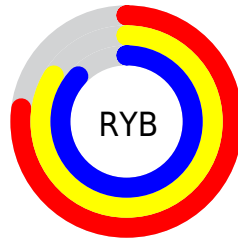
The Yxy color **69.0652, 0.3036, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8951, 0.3230, 0.3123**, and the grayscale version is **66.7234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **36.0891, 0.3009, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **65.7090, 0.2963, 0.3625**, and if you desaturate by 10%, it is **72.9194, 0.3111, 0.3318**.

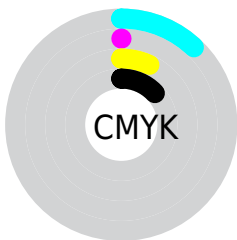
Distribution



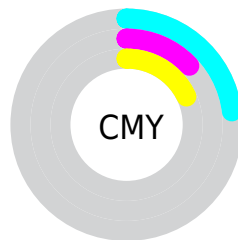
- Red (77%)
- Green (87%)
- Blue (82%)



- Red (77%)
- Yellow (84%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0652, 0.3036, 0.3463 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 69.0652, 0.3036, 0.3463 by changing the saturation by 10% instead.

■ 69.0652, 0.3036,
0.3463

■ 69.0652, 0.3036,
0.3463

457.2609, 0.3079,
0.3381

■ 50.7648, 0.3026,
0.3482

117.8747, 0.3051,
0.3434

■ 36.0215, 0.3013,
0.3506

149.1526, 0.3057,
0.3423

■ 24.4508, 0.2997,
0.3537

185.5251, 0.3062,
0.3414

■ 15.6683, 0.2975,
0.3578

227.3767, 0.3066,
0.3405

■ 9.2898, 0.2945,
0.3636

275.0916, 0.3070,
0.3398

■ 4.9307, 0.2900,
0.3722


329.0544, 0.3074,

■ 2.2066, 0.2826,


0.3392


0.3865


389.6493, 0.3077,
0.3386


 0.7236, 0.2490,
0.4493


 0.0000, 0.0000,
0.0000


 69.0652, 0.3036,
0.3463


 69.0652, 0.3036,
0.3463


 65.7090, 0.2963,
0.3625


 72.9194, 0.3111,
0.3318

 62.8215, 0.2894,
0.3804

 77.2822, 0.3187,
0.3190

 60.3833, 0.2834,
0.3998

 80.6355, 0.3206,
0.3072

 58.3707, 0.2784,
0.4206

 81.2503, 0.3142,
0.2979

■ 56.7573, 0.2749,
0.4422

■ 55.5139, 0.2731,
0.4642

■ 54.6070, 0.2733,
0.4857

■ 53.9964, 0.2754,
0.5062

■ 53.6716, 0.2781,
0.5212

Harmonies

Analogous

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



69.0652, 0.3190, 0.3546



69.0652, 0.3036, 0.3463



69.0652, 0.2909, 0.3331

Triad

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



69.0652, 0.3036, 0.3463



69.0652, 0.2925, 0.3033



69.0652, 0.3424, 0.3377

Complementary

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



69.0652, 0.3036, 0.3463



59.8951, 0.3230, 0.3123

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.



69.0652, 0.3349, 0.3244



69.0652, 0.3036, 0.3463



69.0652, 0.3059, 0.3049

Square

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



69.0652, 0.3036, 0.3463



69.0652, 0.2845, 0.3083



69.0652, 0.3214, 0.3126



69.0652, 0.3416, 0.3491

Rectangle

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



69.0652, 0.3036, 0.3463



69.0652, 0.2855, 0.3236



69.0652, 0.3214, 0.3126



69.0652, 0.3407, 0.3333

Sweetspot

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



69.0681, 0.3036, 0.3463



97.7567, 0.3097, 0.3345



70.6542, 0.3222, 0.3595



20.8363, 0.3091, 0.3356



0.0000, 0.0000, 0.0000



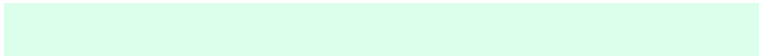
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0681, 0.3036, 0.3463



92.6337, 0.3021, 0.3494



69.7441, 0.2954, 0.3310



15.4379, 0.3056, 0.3423



31.5830, 0.2774, 0.5185



2.2070, 0.2690, 0.4883

Inverse Universe

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



59.8951, 0.3230, 0.3123



78.3204, 0.3249, 0.3094



59.2608, 0.3331, 0.3270



13.8275, 0.3205, 0.3160



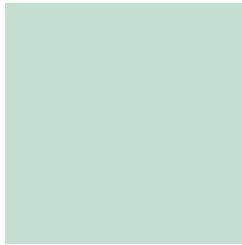
10.1027, 0.4717, 0.2372



0.7182, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 69.0652, 0.3036, 0.3463 looks on a white background.

Color Contrast Check

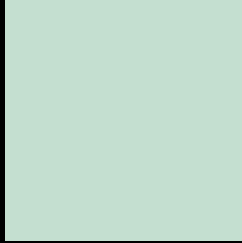
Large Text (above 18pt) WCAG AA × Fail

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 69.0652, 0.3036, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

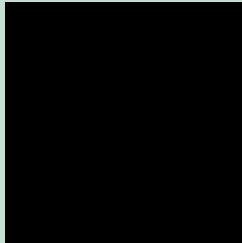
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

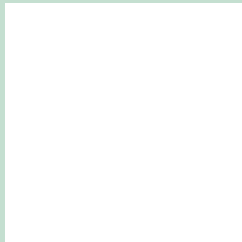
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0652, 0.3036, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 69.0652, 0.3036, 0.3463.

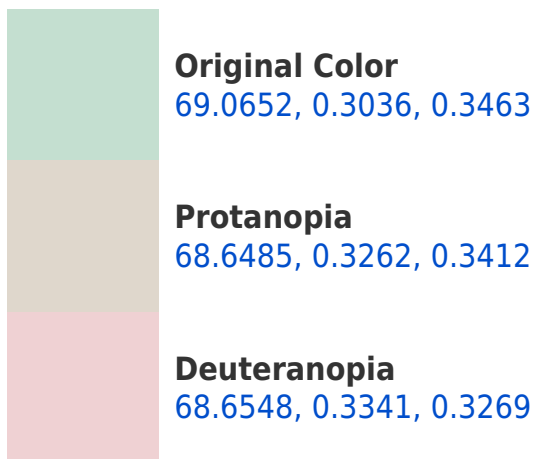


This preview shows how white text looks on a background with the Yxy color 69.0652, 0.3036, 0.3463.

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

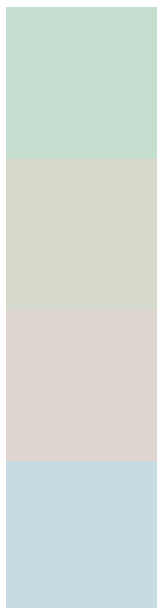




Tritanopia

69.1367, 0.2895, 0.3100

Trichromacy



Original Color

69.0652, 0.3036, 0.3463

Protanomaly

68.6967, 0.3178, 0.3437

Deuteranomaly

68.4343, 0.3221, 0.3334

Tritanomaly

68.8195, 0.2943, 0.3222

Monochromacy



Original Color

69.0652, 0.3036, 0.3463

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.5943, 0.3095, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0652, 0.3036, 0.3463 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(196, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(196, 223, 208)  
}
```

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(196, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 223, 208) }
```

Border

The CSS property to change the border of an element to Yxy 69.0652, 0.3036, 0.3463 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(196, 223, 208) }
```

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

```
.border{ border-color:rgb(196, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(196, 223,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0652, 0.3036, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 223, 208) }
```

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

```
.background{ background-color: rgb(196,  
223, 208) }
```

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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