

Converting Colors

$Yxy(67.2151, 0.3030, 0.3413)$

Have a look what the booklet for
Yxy(67.2151, 0.3030, 0.3413)
contains.

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Color

Yxy(67.0022, 0.3030, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	C4DBD1
RGB	196, 219, 209
RGB Percent	77%, 86%, 82%
CMY	0.2313, 0.1412, 0.1804
CMYK	0.11, 0.00, 0.05, 0.14
HSL	154°, 24%, 81%
HSV	154°, 11%, 86%
XYZ	59.6056, 67.0022, 70.1103
YIQ	210.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

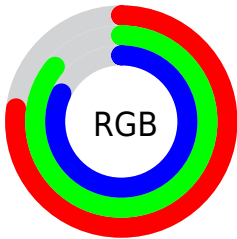
Format	Color
RYB	196, 211, 219
Decimal	12901329
CIELab	85.51, -9.55, 2.30
CIELCh	86, 9.820, 166.430
Yxy	67.0022, 0.3030, 0.3406
Android (android.graphics.Color)	4291091409 (0xFFC4DBD1)
YUV	210.9830, -0.9776, -13.1401
Hunter-Lab	81.8549, -13.2648, 6.5153

Details

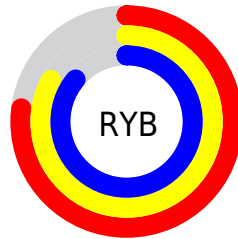
The Yxy color **67.0022, 0.3030, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0002, 0.3236, 0.3177**, and the grayscale version is **65.1433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **34.6683, 0.3001, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **63.8213, 0.2941, 0.3529**, and if you desaturate by 10%, it is **70.6457, 0.3122, 0.3295**.

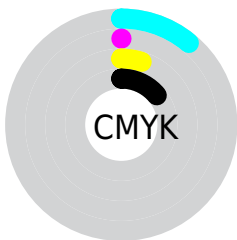
Distribution



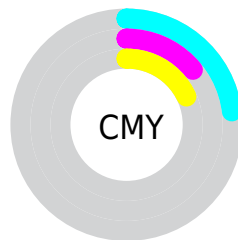
- Red (77%)
- Green (86%)
- Blue (82%)



- Red (77%)
- Yellow (83%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0022, 0.3030, 0.3406 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 67.0022, 0.3030, 0.3406 by changing the saturation by 10% instead.

67.0022, 0.3030,
0.3406

67.0022, 0.3030,
0.3406

449.9526, 0.3076,
0.3351

49.0864, 0.3019,
0.3419

114.9236, 0.3046,
0.3387

34.6880, 0.3006,
0.3435

145.6979, 0.3052,
0.3379

23.4227, 0.2989,
0.3456

181.5273, 0.3058,
0.3373

14.9059, 0.2966,
0.3483

222.7960, 0.3062,
0.3367

8.7534, 0.2934,
0.3522

269.8885, 0.3066,
0.3363

4.5807, 0.2887,
0.3580

323.1892, 0.3070,

2.0034, 0.2808,

0.3358

0.3677

383.0824, 0.3073,
0.3355

0.6094, 0.2374,
0.4180

0.0000, 0.0000,
0.0000

67.0022, 0.3030,
0.3406

67.0022, 0.3030,
0.3406

63.8213, 0.2941,
0.3529

70.6457, 0.3122,
0.3295

61.0754, 0.2857,
0.3665

74.7611, 0.3216,
0.3197

58.7472, 0.2782,
0.3812

78.0737, 0.3260,
0.3106

56.8145, 0.2719,
0.3970

78.6474, 0.3196,
0.3014

■ 55.2533, 0.2671,
0.4136

■ 79.1451, 0.3144,
0.2940

■ 54.0367, 0.2641,
0.4306

■ 53.1342, 0.2631,
0.4477

■ 52.5094, 0.2641,
0.4645

■ 52.1132, 0.2667,
0.4800

Harmonies

Analogous

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



67.0022, 0.3150, 0.3482



67.0022, 0.3030, 0.3406



67.0022, 0.2937, 0.3298

Triad

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



67.0022, 0.3030, 0.3406



67.0022, 0.2987, 0.3084



67.0022, 0.3366, 0.3382

Complementary

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



67.0022, 0.3030, 0.3406



59.0002, 0.3236, 0.3177

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.



67.0022, 0.3321, 0.3278



67.0022, 0.3030, 0.3406



67.0022, 0.3100, 0.3108

Square

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



67.0022, 0.3030, 0.3406



67.0022, 0.2912, 0.3113



67.0022, 0.3223, 0.3178



67.0022, 0.3346, 0.3465

Rectangle

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



67.0022, 0.3030, 0.3406



67.0022, 0.2902, 0.3225



67.0022, 0.3223, 0.3178



67.0022, 0.3358, 0.3348

Sweetspot

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



67.0050, 0.3030, 0.3406



98.3653, 0.3099, 0.3322



67.8236, 0.3189, 0.3555



20.9629, 0.3091, 0.3331



0.0000, 0.0000, 0.0000



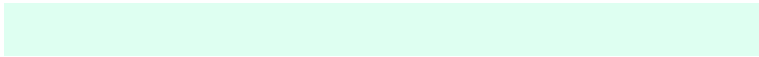
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0050, 0.3030, 0.3406



93.3515, 0.3006, 0.3437



66.9184, 0.2966, 0.3276



14.7289, 0.3040, 0.3394



30.9218, 0.2660, 0.4776



2.0205, 0.2586, 0.4509

Inverse Universe

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



59.0002, 0.3236, 0.3177



79.4949, 0.3267, 0.3148



59.0499, 0.3311, 0.3304



13.1451, 0.3224, 0.3189



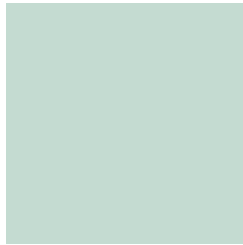
9.4440, 0.5222, 0.2651



0.6289, 0.4813, 0.2425

Previews

White Background



This preview shows how the Yxy color 67.0022, 0.3030, 0.3406 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 67.0022, 0.3030, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

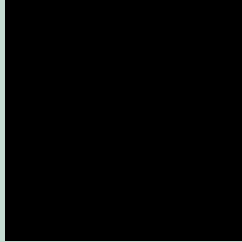
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

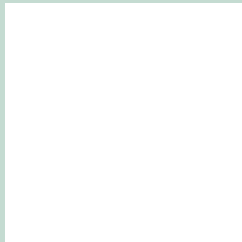
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0022, 0.3030, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 67.0022, 0.3030, 0.3406.



This preview shows how white text looks on a background with the Yxy color 67.0022, 0.3030, 0.3406.

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

66.7634, 0.2905, 0.3087

Trichromacy



Original Color

67.0022, 0.3030, 0.3406

Protanomaly

66.9060, 0.3159, 0.3392

Deuteranomaly

66.5073, 0.3194, 0.3290

Tritanomaly

66.6357, 0.2955, 0.3198

Monochromacy



Original Color

67.0022, 0.3030, 0.3406

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8681, 0.3096, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0022, 0.3030, 0.3406 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, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(196, 219, 209)  
}
```

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, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 209) }
```

Border

The CSS property to change the border of an element to Yxy 67.0022, 0.3030, 0.3406 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, 219, 209) }
```

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

```
.border{ border-color:rgb(196, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 219,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0022, 0.3030, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 219, 209) }
```

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

```
.background{ background-color: rgb(196,  
219, 209) }
```

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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