

Converting Colors

$Yxy(67.5687, 0.2975, 0.3312)$

Have a look what the booklet for
Yxy(67.5687, 0.2975, 0.3312)
contains.

Yxy(67.4086, 0.2979, 0.3313)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.4086, 0.2979, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	C4DBD9
RGB	196, 219, 217
RGB Percent	77%, 86%, 85%
CMY	0.2315, 0.1411, 0.1491
CMYK	0.11, 0.00, 0.01, 0.14
HSL	175°, 24%, 81%
HSV	175°, 11%, 86%
XYZ	60.6128, 67.4086, 75.4455
YIQ	211.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

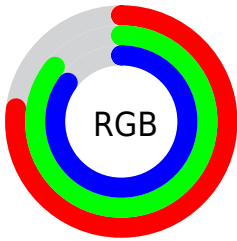
Format	Color
RYB	196, 208, 219
Decimal	12901337
CIELab	85.71, -8.03, -1.62
CIELCh	86, 8.192, 191.383
Yxy	67.4086, 0.2979, 0.3313
Android (android.graphics.Color)	4291091417 (0xFFC4DBD9)
YUV	211.8950, 2.5168, -13.9399
Hunter-Lab	82.1027, -11.9012, 2.9894

Details

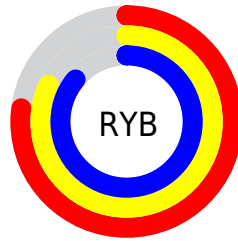
The Yxy color **67.4086, 0.2979, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6078, 0.3297, 0.3267**, and the grayscale version is **65.7523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **34.9103, 0.2944, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **64.5860, 0.2846, 0.3337**, and if you desaturate by 10%, it is **70.6667, 0.3120, 0.3291**.

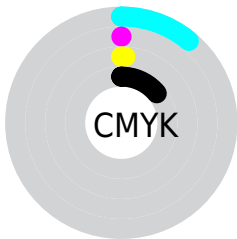
Distribution



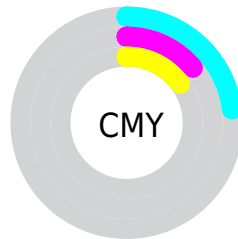
- Red (77%)
- Green (86%)
- Blue (85%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4086, 0.2979, 0.3313 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 67.4086, 0.2979, 0.3313 by changing the saturation by 10% instead.

■ 67.4086, 0.2979,
0.3313

■ 67.4086, 0.2979,
0.3313

■ 451.3978, 0.3048,
0.3303

■ 49.4168, 0.2963,
0.3315

■ 115.5057, 0.3003,
0.3309

■ 34.9502, 0.2943,
0.3318

■ 146.3797, 0.3013,
0.3308

■ 23.6245, 0.2918,
0.3322

■ 182.3166, 0.3021,
0.3307

■ 15.0553, 0.2884,
0.3326

■ 223.7008, 0.3028,
0.3306

■ 8.8582, 0.2837,
0.3333

■ 270.9166, 0.3034,
0.3305

■ 4.6488, 0.2769,
0.3342

■ 324.3484, 0.3039,

■ 2.0427, 0.2659,

0.3304

384.3807, 0.3044,
0.3303

0.3355

0.6321, 0.2202,
0.3439

0.0000, 0.0000,
0.0000

67.4086, 0.2979,
0.3313

67.4086, 0.2979,
0.3313

64.5860, 0.2846,
0.3337

70.6667, 0.3120,
0.3291

62.1719, 0.2723,
0.3363

74.3693, 0.3265,
0.3271

60.1493, 0.2613,
0.3390

77.2469, 0.3363,
0.3253

58.4968, 0.2519,
0.3419

77.3519, 0.3350,
0.3233

■ 57.1907, 0.2443,
0.3449

■ 77.4580, 0.3336,
0.3214

■ 56.2047, 0.2386,
0.3479

■ 77.5654, 0.3322,
0.3195

■ 55.5089, 0.2348,
0.3509

■ 77.6739, 0.3309,
0.3176

■ 55.0674, 0.2329,
0.3539

■ 77.7837, 0.3296,
0.3157

■ 54.8244, 0.2324,
0.3568

■ 77.8947, 0.3282,
0.3138

Harmonies

Analogous

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



67.4086, 0.3062, 0.3399



67.4086, 0.2979, 0.3313



67.4086, 0.2935, 0.3222

Triad

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



67.4086, 0.2979, 0.3313



67.4086, 0.3088, 0.3131



67.4086, 0.3316, 0.3427

Complementary

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



67.4086, 0.2979, 0.3313



58.6078, 0.3297, 0.3267

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.



67.4086, 0.3323, 0.3353



67.4086, 0.2979, 0.3313



67.4086, 0.3191, 0.3185

Square

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



67.4086, 0.2979, 0.3313



67.4086, 0.2997, 0.3119



67.4086, 0.3277, 0.3265



67.4086, 0.3257, 0.3465

Rectangle

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



67.4086, 0.2979, 0.3313



67.4086, 0.2934, 0.3171



67.4086, 0.3277, 0.3265



67.4086, 0.3324, 0.3405

Sweetspot

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



67.4114, 0.2979, 0.3313



98.5344, 0.3084, 0.3296



66.6985, 0.3131, 0.3560



21.0086, 0.3072, 0.3298



0.0000, 0.0000, 0.0000



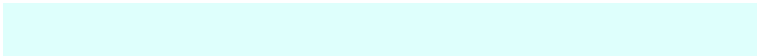
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4114, 0.2979, 0.3313



94.0585, 0.2944, 0.3319



62.8409, 0.2965, 0.3183



14.8087, 0.2994, 0.3311



32.5117, 0.2323, 0.3563



2.1122, 0.2310, 0.3514

Inverse Universe

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



58.6078, 0.3297, 0.3267



78.8472, 0.3346, 0.3261



62.8001, 0.3301, 0.3395



13.0701, 0.3278, 0.3270



8.9654, 0.6296, 0.3242



0.5874, 0.6019, 0.3089

Previews

White Background



This preview shows how the Yxy color 67.4086, 0.2979, 0.3313 looks on a white background.

Color Contrast Check

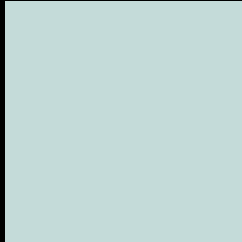
Large Text (above 18pt) WCAG AA × Fail

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 67.4086, 0.2979, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

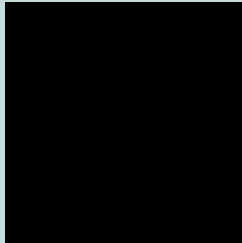
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

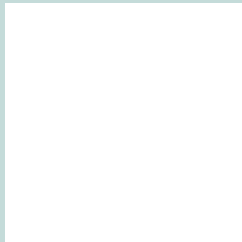
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4086, 0.2979, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 67.4086, 0.2979, 0.3313.



This preview shows how white text looks on a background with the Yxy color 67.4086, 0.2979, 0.3313.

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

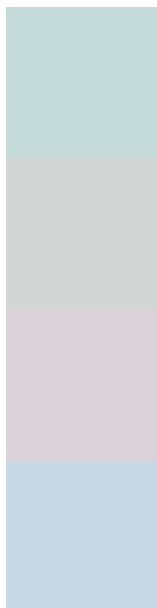




Tritanopia

67.1944, 0.2893, 0.3087

Trichromacy



Original Color

67.4086, 0.2979, 0.3313

Protanomaly

67.1576, 0.3098, 0.3301

Deuteranomaly

66.7106, 0.3138, 0.3213

Tritanomaly

67.2329, 0.2923, 0.3165

Monochromacy



Original Color

67.4086, 0.2979, 0.3313

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.5777, 0.3069, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4086, 0.2979, 0.3313 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(196, 219, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 217) }
```

Border

The CSS property to change the border of an element to Yxy 67.4086, 0.2979, 0.3313 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, 217) }
```

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

```
.border{ border-color:rgb(196, 219, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 219, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 219, 217); box-shadow:4px 4px 4px 4px rgb(196, 219, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4086, 0.2979, 0.3313 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, 217) }
```

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

```
.background{ background-color: rgb(196,  
219, 217) }
```

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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