

Converting Colors

$Yxy(69.0465, 0.2924, 0.3303)$

Have a look what the booklet for
Yxy(69.0465, 0.2924, 0.3303)
contains.

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Color

Yxy(69.2557, 0.2922, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	C0DFDE
RGB	192, 223, 222
RGB Percent	75%, 87%, 87%
CMY	0.2472, 0.1254, 0.1294
CMYK	0.14, 0.00, 0.00, 0.13
HSL	178°, 33%, 81%
HSV	178°, 14%, 87%
XYZ	61.3042, 69.2557, 79.2423
YIQ	213.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

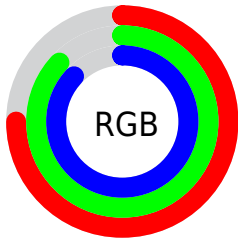
Format	Color
RYB	192, 208, 223
Decimal	12640222
CIELab	86.63, -10.37, -2.95
CIELCh	87, 10.781, 195.880
Yxy	69.2557, 0.2922, 0.3301
Android (android.graphics.Color)	4290830302 (0xFFC0DFDE)
YUV	213.6170, 4.1328, -18.9581
Hunter-Lab	83.2200, -14.1426, 1.7979

Details

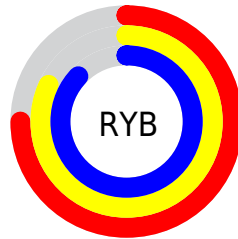
The Yxy color **69.2557, 0.2922, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2251, 0.3375, 0.3279**, and the grayscale version is **66.9532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **36.1986, 0.2872, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **66.5263, 0.2785, 0.3310**, and if you desaturate by 10%, it is **72.4321, 0.3068, 0.3293**.

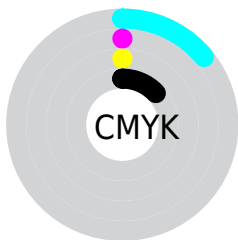
Distribution



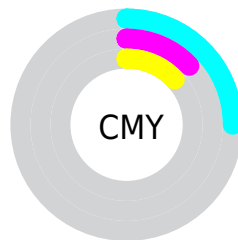
- Red (75%)
- Green (87%)
- Blue (87%)



- Red (75%)
- Yellow (82%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)




- Cyan (25%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2557, 0.2922, 0.3301 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 69.2557, 0.2922, 0.3301 by changing the saturation by 10% instead.

 69.2557, 0.2922,
0.3301

 69.2557, 0.2922,
0.3301


457.9323, 0.3017,
0.3297

 50.9200, 0.2900,
0.3302


 118.1467, 0.2955,
0.3300

 36.1449, 0.2873,
0.3303


149.4708, 0.2968,
0.3299

 24.5461, 0.2838,
0.3304


185.8931, 0.2979,
0.3299

 15.7392, 0.2793,
0.3305

227.7981, 0.2989,
0.3298

 9.3398, 0.2731,
0.3306

275.5701, 0.2997,
0.3298

 4.9635, 0.2641,
0.3307

329.5936, 0.3005,

 2.2259, 0.2497,

0.3297

0.3306

390.2528, 0.3011,
0.3297

0.7340, 0.2035,
0.3360

0.0000, 0.0000,
0.0000

69.2557, 0.2922,
0.3301

69.2557, 0.2922,
0.3301

66.5263, 0.2785,
0.3310

72.4321, 0.3068,
0.3293

64.2154, 0.2661,
0.3319

76.0655, 0.3220,
0.3286


62.3047, 0.2552,
0.3329

79.4341, 0.3348,
0.3279


60.7709, 0.2459,
0.3340


79.4738, 0.3343,
0.3272

 59.5887, 0.2386,
0.3350


 79.5136, 0.3338,
0.3264


 58.7293, 0.2332,
0.3361

 79.5535, 0.3333,
0.3257

 58.1595, 0.2297,
0.3372

 79.5937, 0.3328,
0.3250

 57.8390, 0.2279,
0.3382

 79.6340, 0.3323,
0.3243

 57.7263, 0.2275,
0.3388

 79.6745, 0.3318,
0.3235

Harmonies

Analogous

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



69.2557, 0.3024, 0.3418



69.2557, 0.2922, 0.3301



69.2557, 0.2875, 0.3184

Triad

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



69.2557, 0.2922, 0.3301



69.2557, 0.3095, 0.3092



69.2557, 0.3366, 0.3479

Complementary

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



69.2557, 0.2922, 0.3301



57.2251, 0.3375, 0.3279

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.



69.2557, 0.3387, 0.3388



69.2557, 0.2922, 0.3301



69.2557, 0.3229, 0.3167

Square

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



69.2557, 0.2922, 0.3301



69.2557, 0.2973, 0.3066



69.2557, 0.3336, 0.3274



69.2557, 0.3280, 0.3521

Rectangle

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



69.2557, 0.2922, 0.3301



69.2557, 0.2880, 0.3122



69.2557, 0.3336, 0.3274



69.2557, 0.3381, 0.3453

Sweetspot

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



69.2586, 0.2922, 0.3301



98.0951, 0.3066, 0.3293



67.9246, 0.3117, 0.3657



20.9221, 0.3055, 0.3294



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.



69.2586, 0.2922, 0.3301



92.5942, 0.2877, 0.3304



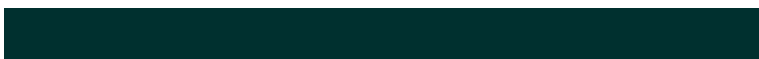
61.8993, 0.2911, 0.3121



15.5642, 0.2986, 0.3297



33.9411, 0.2274, 0.3387



2.3551, 0.2270, 0.3370

Inverse Universe

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



57.2251, 0.3375, 0.3279



72.9796, 0.3444, 0.3277



63.8570, 0.3360, 0.3454



13.7077, 0.3287, 0.3283



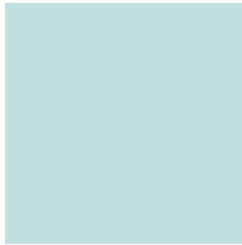
9.2369, 0.6364, 0.3280



0.6428, 0.6259, 0.3222

Previews

White Background



This preview shows how the Yxy color 69.2557, 0.2922, 0.3301 looks on a white background.

Color Contrast Check

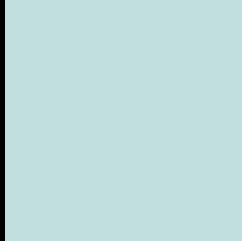
Large Text (above 18pt) WCAG AA × Fail

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 69.2557, 0.2922, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

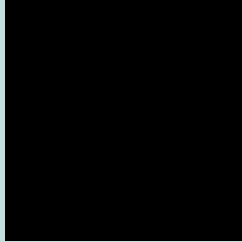
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

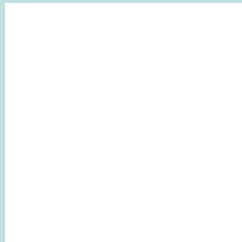
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2557, 0.2922, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 69.2557, 0.2922, 0.3301.



This preview shows how white text looks on a background with the Yxy color 69.2557, 0.2922, 0.3301.

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

69.2557, 0.2922, 0.3301

Protanopia

68.8785, 0.3143, 0.3257

Deuteranopia

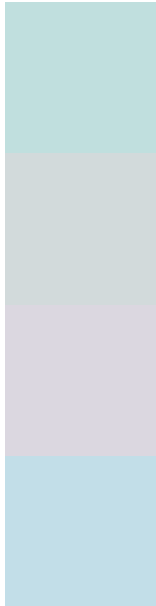
69.0219, 0.3201, 0.3131



Tritanopia

69.4881, 0.2845, 0.3099

Trichromacy



Original Color

69.2557, 0.2922, 0.3301

Protanomaly

68.9589, 0.3064, 0.3279

Deuteranomaly

69.0428, 0.3096, 0.3192

Tritanomaly

69.5381, 0.2875, 0.3176

Monochromacy



Original Color

69.2557, 0.2922, 0.3301

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.7573, 0.3049, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2557, 0.2922, 0.3301 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(192, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(192, 223, 222)  
}
```

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(192, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 223, 222) }
```

Border

The CSS property to change the border of an element to Yxy 69.2557, 0.2922, 0.3301 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(192, 223, 222) }
```

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

```
.border{ border-color:rgb(192, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 223, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 223, 222); box-shadow:4px 4px 4px 4px rgb(192, 223, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2557, 0.2922, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 223, 222) }
```

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

```
.background{ background-color: rgb(192,  
223, 222) }
```

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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