

Converting Colors

$Yxy(67.2055, 0.2889, 0.3255)$

Have a look what the booklet for
Yxy(67.2055, 0.2889, 0.3255)
contains.

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Color

Yxy(67.2055, 0.2889, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	BCDCDF
RGB	188, 220, 223
RGB Percent	74%, 86%, 87%
CMY	0.2627, 0.1372, 0.1256
CMYK	0.16, 0.01, 0.00, 0.13
HSL	185°, 35%, 81%
HSV	185°, 16%, 87%
XYZ	59.6488, 67.2055, 79.6143
YIQ	210.7740, -20.0350, -5.8510

Conversions

Conversions Part 2

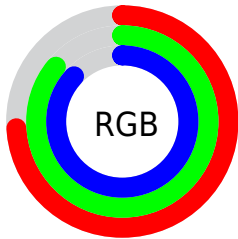
Format	Color
RYB	188, 205, 223
Decimal	12377311
CIELab	85.61, -9.88, -4.99
CIELCh	86, 11.075, 206.807
Yxy	67.2055, 0.2889, 0.3255
Android (android.graphics.Color)	4290567391 (0xFFBCDCDF)
YUV	210.7740, 6.0274, -19.9728
Hunter-Lab	81.9790, -13.5847, -0.1945

Details

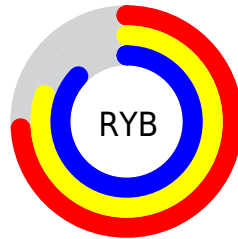
The Yxy color **67.2055, 0.2889, 0.3255** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5606, 0.3417, 0.3325**, and the grayscale version is **64.9551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **34.8058, 0.2828, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **63.6069, 0.2747, 0.3230**, and if you desaturate by 10%, it is **71.2583, 0.3039, 0.3278**.

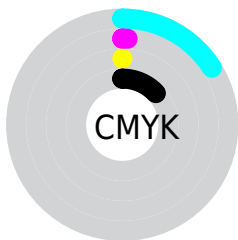
Distribution



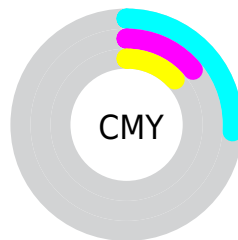
- Red (74%)
- Green (86%)
- Blue (87%)



- Red (74%)
- Yellow (80%)
- Blue (87%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)





- Cyan (26%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2055, 0.2889, 0.3255 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 67.2055, 0.2889, 0.3255 by changing the saturation by 10% instead.


 67.2055, 0.2889,
0.3255

 67.2055, 0.2889,
0.3255


450.6759, 0.3000,
0.3273

 49.2516, 0.2863,
0.3251


 115.2148, 0.2928,
0.3261

 34.8191, 0.2832,
0.3245


146.0391, 0.2943,
0.3264

 23.5236, 0.2791,
0.3238


181.9223, 0.2956,
0.3266

 14.9806, 0.2738,
0.3228

223.2488, 0.2967,
0.3268

 8.8058, 0.2665,
0.3213

270.4030, 0.2977,
0.3269

 4.6147, 0.2558,
0.3191

323.7693, 0.2985,

 2.0230, 0.2388,

0.3270

0.3150

383.7322, 0.2993,
0.3272

0.6208, 0.1747,
0.3110

0.0000, 0.0000,
0.0000

67.2055, 0.2889,
0.3255

67.2055, 0.2889,
0.3255

63.6069, 0.2747,
0.3230

71.2583, 0.3039,
0.3278

60.4341, 0.2615,
0.3204

75.7758, 0.3195,
0.3299

57.6682, 0.2498,
0.3176

80.7783, 0.3352,
0.3318

55.2858, 0.2397,
0.3148

81.8274, 0.3351,
0.3336

■ 53.2607, 0.2315,
0.3119

■ 82.8685, 0.3348,
0.3355

■ 51.5637, 0.2251,
0.3090

■ 83.9210, 0.3346,
0.3374

■ 50.1605, 0.2207,
0.3061

■ 84.9848, 0.3343,
0.3392

■ 49.0091, 0.2180,
0.3032

■ 86.0601, 0.3341,
0.3411

■ 48.5580, 0.2172,
0.3020

■ 87.1469, 0.3338,
0.3429

Harmonies

Analogous

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



67.2055, 0.2976, 0.3381



67.2055, 0.2889, 0.3255



67.2055, 0.2864, 0.3142

Triad

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



67.2055, 0.2889, 0.3255



67.2055, 0.3145, 0.3108



67.2055, 0.3349, 0.3509

Complementary

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



67.2055, 0.2889, 0.3255



56.5606, 0.3417, 0.3325

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.



67.2055, 0.3397, 0.3430



67.2055, 0.2889, 0.3255



67.2055, 0.3278, 0.3200

Square

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



67.2055, 0.2889, 0.3255



67.2055, 0.3010, 0.3061



67.2055, 0.3371, 0.3317



67.2055, 0.3241, 0.3530

Rectangle

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



67.2055, 0.2889, 0.3255



67.2055, 0.2886, 0.3090



67.2055, 0.3371, 0.3317



67.2055, 0.3373, 0.3488

Sweetspot

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



67.2083, 0.2889, 0.3255



96.9751, 0.3049, 0.3279



67.2072, 0.3089, 0.3673



20.6684, 0.3038, 0.3278



0.0000, 0.0000, 0.0000



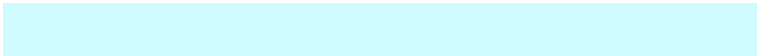
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2083, 0.2889, 0.3255



89.3527, 0.2839, 0.3247



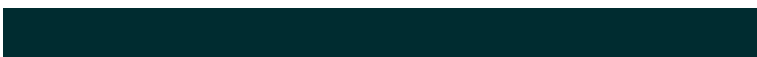
58.5291, 0.2881, 0.3048



15.3635, 0.2982, 0.3270



28.6437, 0.2173, 0.3024



2.0447, 0.2186, 0.3068

Inverse Universe

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



56.8202, 0.3168, 0.2935



72.6266, 0.3178, 0.2855



64.6205, 0.3386, 0.3521



13.9146, 0.3151, 0.3078



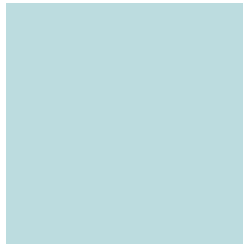
11.7996, 0.3433, 0.1665



0.8239, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 67.2055, 0.2889, 0.3255 looks on a white background.

Color Contrast Check

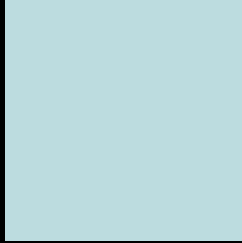
Large Text (above 18pt) WCAG AA × Fail

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 67.2055, 0.2889, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

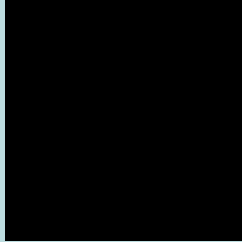
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

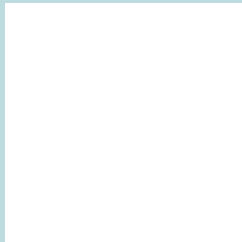
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2055, 0.2889, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 67.2055, 0.2889, 0.3255.

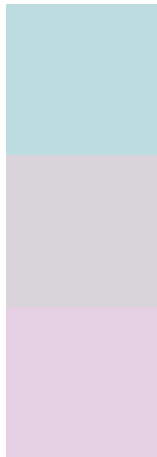


This preview shows how white text looks on a background with the Yxy color 67.2055, 0.2889, 0.3255.

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

67.2055, 0.2889, 0.3255

Protanopia

66.7479, 0.3116, 0.3223

Deuteranopia

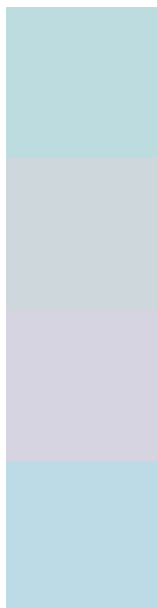
66.7746, 0.3159, 0.3086



Tritanopia

67.0881, 0.2829, 0.3096

Trichromacy



Original Color

67.2055, 0.2889, 0.3255

Protanomaly

66.8900, 0.3029, 0.3233

Deuteranomaly

66.8194, 0.3054, 0.3146

Tritanomaly

67.2514, 0.2847, 0.3152

Monochromacy



Original Color

67.2055, 0.2889, 0.3255

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6959, 0.3041, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2055, 0.2889, 0.3255 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(188, 220, 223)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 223)  
}
```

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(188, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 223) }
```

Border

The CSS property to change the border of an element to Yxy 67.2055, 0.2889, 0.3255 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(188, 220, 223) }
```

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

```
.border{ border-color:rgb(188, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2055, 0.2889, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 223) }
```

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

```
.background{ background-color: rgb(188,  
220, 223) }
```

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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