

Converting Colors

$Yxy(60.9739, 0.2698, 0.3632)$

Have a look what the booklet for
Yxy(60.9739, 0.2698, 0.3632)
contains.

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Color

Yxy(60.9739, 0.2698, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	82DEC4
RGB	130, 222, 196
RGB Percent	51%, 87%, 77%
CMY	0.4901, 0.1294, 0.2313
CMYK	0.41, 0.00, 0.12, 0.13
HSL	163°, 58%, 69%
HSV	163°, 41%, 87%
XYZ	45.2939, 60.9739, 61.6118
YIQ	191.5280, -46.4860, -27.5900

Conversions

Conversions Part 2

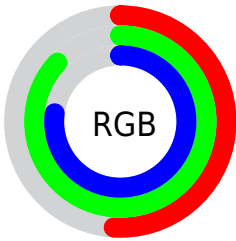
Format	Color
RYB	130, 184, 222
Decimal	8576708
CIELab	82.36, -33.44, 4.17
CIELCh	82, 33.700, 172.891
Yxy	60.9739, 0.2698, 0.3632
Android (android.graphics.Color)	4286766788 (0xFF82DEC4)
YUV	191.5280, 2.2047, -53.9601
Hunter-Lab	78.0858, -33.1106, 7.8786

Details

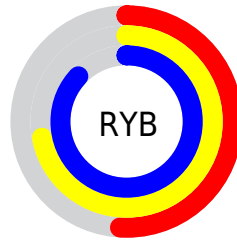
The Yxy color **60.9739, 0.2698, 0.3632** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.9013, 0.3880, 0.2982**, and the grayscale version is **52.4343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1766, 0.2746, 0.3310**, and **30.6813, 0.2590, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **59.1260, 0.2622, 0.3731**, and if you desaturate by 10%, it is **63.2173, 0.2788, 0.3539**.

Distribution



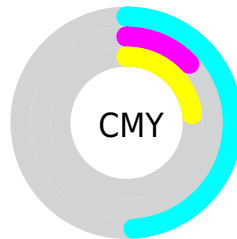
- Red (51%)
- Green (87%)
- Blue (77%)



- Red (51%)
- Yellow (72%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)




- Cyan (49%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9739, 0.2698, 0.3632 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 60.9739, 0.2698, 0.3632 by changing the saturation by 10% instead.


 60.9739, 0.2698,
0.3632

 60.9739, 0.2698,
0.3632


428.1783, 0.2904,
0.3466


 44.2041, 0.2649,
0.3672


 106.2411, 0.2771,
0.3573

 30.8310, 0.2588,
0.3723


 135.5074, 0.2799,
0.3550

 20.4702, 0.2509,
0.3789


 169.7079, 0.2823,
0.3531

 12.7373, 0.2403,
0.3878

209.2271, 0.2843,
0.3514

 7.2479, 0.2254,
0.4006

254.4493, 0.2861,
0.3500

 3.6176, 0.2029,
0.4205

305.7590, 0.2877,

 1.4620, 0.1531,

0.3487

0.4619

363.5405, 0.2891,
0.3476

■ 0.2618, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9739, 0.2698,
0.3632

■ 60.9739, 0.2698,
0.3632

■ 59.1260, 0.2622,
0.3731

■ 63.2173, 0.2788,
0.3539

■ 57.6416, 0.2563,
0.3835

■ 65.8715, 0.2889,
0.3452


■ 56.4955, 0.2522,
0.3941


■ 68.9596, 0.2997,
0.3372

■ 55.6560, 0.2502,
0.4049

■ 72.5011, 0.3111,
0.3300


 55.0852, 0.2501,
0.4156

 76.5142, 0.3227,
0.3235

 54.7555, 0.2513,
0.4246

 79.4231, 0.3284,
0.3175

 79.7894, 0.3242,
0.3114

 80.1685, 0.3200,
0.3053

 80.5607, 0.3159,
0.2993

Harmonies

Analogous

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



60.9739, 0.3095, 0.3963



60.9739, 0.2698, 0.3632



60.9739, 0.2427, 0.3207

Triad

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



60.9739, 0.2698, 0.3632



60.9739, 0.2709, 0.2601



60.9739, 0.3988, 0.3646

Complementary

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



60.9739, 0.2698, 0.3632



33.9013, 0.3880, 0.2982

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.



60.9739, 0.3877, 0.3300



60.9739, 0.2698, 0.3632



60.9739, 0.3112, 0.2723

Square

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



60.9739, 0.2698, 0.3632



60.9739, 0.2434, 0.2638



60.9739, 0.3547, 0.2972



60.9739, 0.3850, 0.3934

Rectangle

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



60.9739, 0.2698, 0.3632



60.9739, 0.2344, 0.2953



60.9739, 0.3547, 0.2972



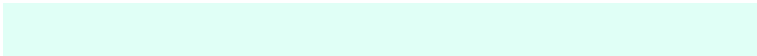
60.9739, 0.3979, 0.3533

Sweetspot

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



60.9763, 0.2698, 0.3632



94.1068, 0.2990, 0.3377



60.9312, 0.3241, 0.4501



20.0173, 0.2975, 0.3387



0.0000, 0.0000, 0.0000



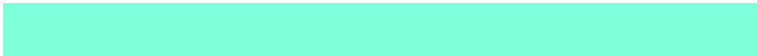
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9763, 0.2698, 0.3632



81.1836, 0.2629, 0.3721



52.2962, 0.2520, 0.3028



15.5028, 0.3019, 0.3357



32.5435, 0.2509, 0.4231



2.2708, 0.2463, 0.4067

Inverse Universe

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



33.9013, 0.3880, 0.2982



39.2315, 0.4136, 0.2921



38.9388, 0.4086, 0.3532



13.7639, 0.3248, 0.3224



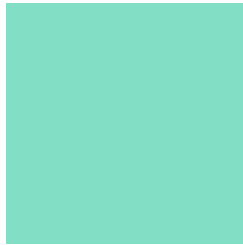
9.4521, 0.5815, 0.2977



0.6702, 0.5373, 0.2733

Previews

White Background



This preview shows how the Yxy color 60.9739, 0.2698, 0.3632 looks on a white background.

Color Contrast Check

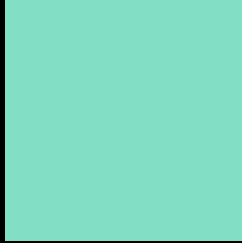
Large Text (above 18pt) WCAG AA × Fail

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 60.9739, 0.2698, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

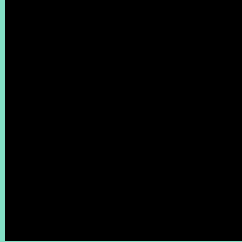
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9739, 0.2698, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 60.9739, 0.2698, 0.3632.

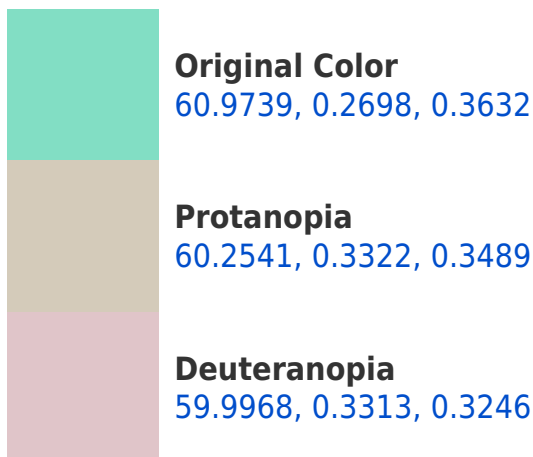


This preview shows how white text looks on a background with the Yxy color 60.9739, 0.2698, 0.3632.

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

61.1417, 0.2542, 0.3079

Trichromacy



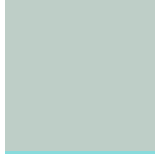
Original Color

60.9739, 0.2698, 0.3632



Protanomaly

59.7560, 0.3057, 0.3538



Deuteranomaly

59.2133, 0.3056, 0.3375



Tritanomaly

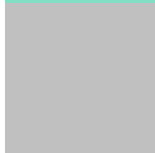
61.0646, 0.2597, 0.3276

Monochromacy



Original Color

60.9739, 0.2698, 0.3632



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.9971, 0.2942, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9739, 0.2698, 0.3632 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(130, 222, 196)` looks like.

```
.text, #text, p{  
    color:rgb(130, 222, 196)  
}
```

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(130, 222, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 222, 196) }
```

Border

The CSS property to change the border of an element to Yxy 60.9739, 0.2698, 0.3632 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(130, 222, 196) }
```

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

```
.border{ border-color:rgb(130, 222, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 222, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 222, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 222, 196);  
box-shadow:4px 4px 4px 4px rgb(130, 222,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9739, 0.2698, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 222, 196) }
```

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

```
.background{ background-color: rgb(130,  
222, 196) }
```

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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