

Converting Colors

$Yxy(60.5778, 0.2630, 0.3467)$

Have a look what the booklet for
Yxy(60.5778, 0.2630, 0.3467)
contains.

Yxy(60.8850, 0.2632, 0.3471)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.8850, 0.2632, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	81DDCF
RGB	129, 221, 207
RGB Percent	51%, 87%, 81%
CMY	0.4943, 0.1333, 0.1882
CMYK	0.42, 0.00, 0.06, 0.13
HSL	171°, 58%, 69%
HSV	171°, 42%, 87%
XYZ	46.1681, 60.8850, 68.3575
YIQ	191.8960, -50.3380, -23.8580

Conversions

Conversions Part 2

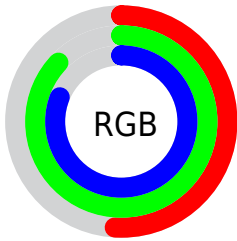
Format	Color
RYB	129, 179, 221
Decimal	8510927
CIELab	82.32, -30.74, -1.74
CIELCh	82, 30.788, 183.242
Yxy	60.8850, 0.2632, 0.3471
Android (android.graphics.Color)	4286701007 (0xFF81DDCF)
YUV	191.8960, 7.4463, -55.1598
Hunter-Lab	78.0288, -30.9357, 2.6789

Details

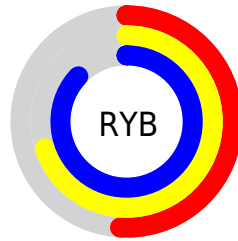
The Yxy color **60.8850, 0.2632, 0.3471** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.0446, 0.4030, 0.3124**, and the grayscale version is **52.6220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1791, 0.2731, 0.3289**, and **30.9501, 0.2508, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **59.1779, 0.2545, 0.3522**, and if you desaturate by 10%, it is **62.9747, 0.2734, 0.3422**.

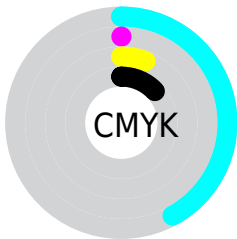
Distribution



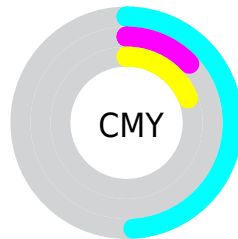
- Red (51%)
- Green (87%)
- Blue (81%)



- Red (51%)
- Yellow (70%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)





- Cyan (49%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8850, 0.2632, 0.3471 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 60.8850, 0.2632, 0.3471 by changing the saturation by 10% instead.

 60.8850, 0.2632,
0.3471


 60.8850, 0.2632,
0.3471

427.8522, 0.2867,
0.3386


 44.1324, 0.2577,
0.3490

 106.1124, 0.2715,
0.3442

 30.7746, 0.2509,
0.3515


 135.3560, 0.2746,
0.3430

 20.4273, 0.2421,
0.3545


 169.5320, 0.2774,
0.3420

 12.7060, 0.2304,
0.3585

209.0248, 0.2797,
0.3412

 7.2264, 0.2143,
0.3640

254.2188, 0.2818,
0.3404

 3.6041, 0.1905,
0.3718

305.4985, 0.2836,

 1.4547, 0.1451,

0.3398

0.3869

363.2481, 0.2852,
0.3392

0.2565, 0.0000,
0.3901

0.0000, 0.0000,
0.0000

60.8850, 0.2632,
0.3471

60.8850, 0.2632,
0.3471

59.1779, 0.2545,
0.3522

62.9747, 0.2734,
0.3422

57.8217, 0.2476,
0.3575


65.4618, 0.2849,
0.3377


56.7915, 0.2425,
0.3629


68.3694, 0.2974,
0.3335


56.0561, 0.2395,
0.3683

71.7165, 0.3105,
0.3296

 55.5780, 0.2383,
0.3737


 75.5210, 0.3240,
0.3261

 55.3233, 0.2384,
0.3782

 78.5338, 0.3330,
0.3229

 78.7214, 0.3307,
0.3196

 78.9126, 0.3284,
0.3163

 79.1075, 0.3261,
0.3130

Harmonies

Analogous

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



60.8850, 0.2966, 0.3816



60.8850, 0.2632, 0.3471



60.8850, 0.2434, 0.3091

Triad

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



60.8850, 0.2632, 0.3471



60.8850, 0.2863, 0.2679



60.8850, 0.3896, 0.3721

Complementary

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



60.8850, 0.2632, 0.3471



33.0446, 0.4030, 0.3124

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.



60.8850, 0.3873, 0.3414



60.8850, 0.2632, 0.3471



60.8850, 0.3255, 0.2836

Square

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



60.8850, 0.2632, 0.3471



60.8850, 0.2561, 0.2661



60.8850, 0.3632, 0.3098



60.8850, 0.3702, 0.3943

Rectangle

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



60.8850, 0.2632, 0.3471



60.8850, 0.2398, 0.2883



60.8850, 0.3632, 0.3098



60.8850, 0.3914, 0.3624

Sweetspot

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



60.8874, 0.2632, 0.3471



94.3552, 0.2968, 0.3336



59.2581, 0.3167, 0.4536



20.0760, 0.2951, 0.3342



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.



60.8874, 0.2632, 0.3471



82.1042, 0.2555, 0.3516



46.8528, 0.2494, 0.2879



14.7938, 0.3002, 0.3326



32.1484, 0.2382, 0.3774



2.0921, 0.2357, 0.3686

Inverse Universe

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



33.0446, 0.4030, 0.3124



38.6712, 0.4332, 0.3094



41.9749, 0.4036, 0.3660



13.0836, 0.3268, 0.3255



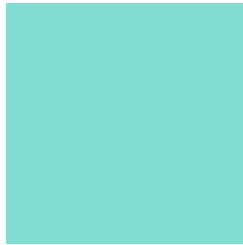
9.0061, 0.6181, 0.3179



0.5938, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 60.8850, 0.2632, 0.3471 looks on a white background.

Color Contrast Check

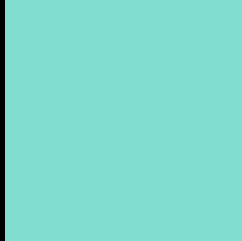
Large Text (above 18pt) WCAG AA × Fail

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 60.8850, 0.2632, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

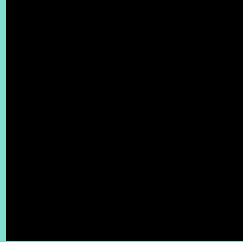
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

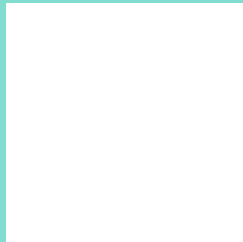
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8850, 0.2632, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 60.8850, 0.2632, 0.3471.

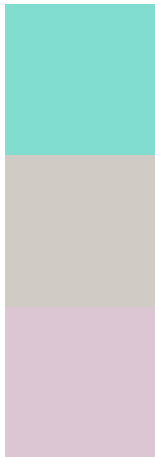


This preview shows how white text looks on a background with the Yxy color 60.8850, 0.2632, 0.3471.

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

60.8850, 0.2632, 0.3471

Protanopia

60.2984, 0.3217, 0.3360

Deuteranopia

60.3573, 0.3197, 0.3133



Tritanopia

60.8005, 0.2522, 0.3077

Trichromacy



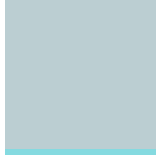
Original Color

60.8850, 0.2632, 0.3471



Protanomaly

60.0135, 0.2969, 0.3400



Deuteranomaly

59.3606, 0.2959, 0.3241



Tritanomaly

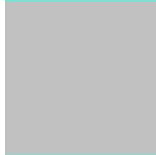
60.5112, 0.2559, 0.3212

Monochromacy



Original Color

60.8850, 0.2632, 0.3471



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.1781, 0.2916, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8850, 0.2632, 0.3471 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(129, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(129, 221, 207)  
}
```

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(129, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 221, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.8850, 0.2632, 0.3471 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(129, 221, 207) }
```

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

```
.border{ border-color:rgb(129, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(129, 221,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8850, 0.2632, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 221, 207) }
```

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

```
.background{ background-color: rgb(129,  
221, 207) }
```

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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