

Converting Colors

$Yxy(60.1226, 0.2771, 0.3870)$

Have a look what the booklet for
Yxy(60.1226, 0.2771, 0.3870)
contains.

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Color

Yxy(60.0093, 0.2775, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	7FDEB3
RGB	127, 222, 179
RGB Percent	50%, 87%, 70%
CMY	0.5021, 0.1294, 0.2980
CMYK	0.43, 0.00, 0.19, 0.13
HSL	153°, 59%, 68%
HSV	153°, 43%, 87%
XYZ	43.0077, 60.0093, 51.9657
YIQ	188.6930, -42.8170, -33.5130

Conversions

Conversions Part 2

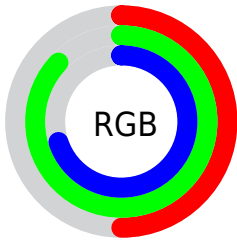
Format	Color
RYB	127, 188, 222
Decimal	8380083
CIELab	81.84, -37.88, 12.40
CIELCh	82, 39.856, 161.875
Yxy	60.0093, 0.2775, 0.3872
Android (android.graphics.Color)	4286570163 (0xFF7FDEB3)
YUV	188.6930, -4.7786, -54.1048
Hunter-Lab	77.4657, -36.4646, 14.4529

Details

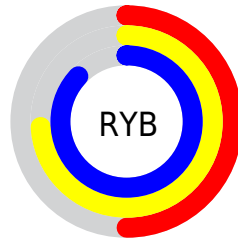
The Yxy color **60.0093, 0.2775, 0.3872** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.6048, 0.3725, 0.2784**, and the grayscale version is **50.7486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7085, 0.2820, 0.3508**, and **30.1184, 0.2680, 0.4036** is the 20% darker color. If you saturate the color by 10%, you get **58.0994, 0.2717, 0.4039**, and if you desaturate by 10%, it is **62.3292, 0.2846, 0.3715**.

Distribution



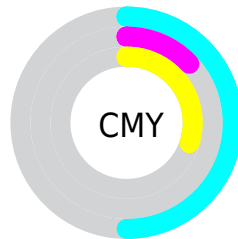
- Red (50%)
- Green (87%)
- Blue (70%)



- Red (50%)
- Yellow (74%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)




- Cyan (50%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0093, 0.2775, 0.3872 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 60.0093, 0.2775, 0.3872 by changing the saturation by 10% instead.


 60.0093, 0.2775,
0.3872


 60.0093, 0.2775,
0.3872


424.6321, 0.2949,
0.3582

 43.4261, 0.2732,
0.3944


 104.8432, 0.2838,
0.3767

 30.2196, 0.2678,
0.4036


 133.8626, 0.2861,
0.3727

 20.0053, 0.2607,
0.4158

 167.7963, 0.2881,
0.3694

 12.3989, 0.2509,
0.4327

207.0287, 0.2899,
0.3665

 7.0160, 0.2366,
0.4577

251.9440, 0.2914,
0.3640

 3.4721, 0.2142,
0.4978

302.9268, 0.2927,

 1.3829, 0.1419,

0.3618

0.6105

360.3613, 0.2938,
0.3599

■ 0.2041, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0093, 0.2775,
0.3872

■ 60.0093, 0.2775,
0.3872

■ 58.0994, 0.2717,
0.4039

■ 62.3292, 0.2846,
0.3715

■ 56.5666, 0.2674,
0.4213


■ 65.0751, 0.2926,
0.3571

■ 55.3847, 0.2650,
0.4392

■ 68.2708, 0.3012,
0.3439


■ 54.5209, 0.2646,
0.4570

■ 71.9364, 0.3102,
0.3321

 53.9356, 0.2663,
0.4743

 76.0906, 0.3193,
0.3215

 53.6406, 0.2684,
0.4863

 79.7553, 0.3246,
0.3120

 80.3667, 0.3179,
0.3023

 80.7267, 0.3142,
0.2970

Harmonies

Analogous

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



60.0093, 0.3269, 0.4182



60.0093, 0.2775, 0.3872



60.0093, 0.2395, 0.3372

Triad

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



60.0093, 0.2775, 0.3872



60.0093, 0.2493, 0.2476



60.0093, 0.4139, 0.3551

Complementary

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



60.0093, 0.2775, 0.3872



33.6048, 0.3725, 0.2784

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.



60.0093, 0.3901, 0.3148



60.0093, 0.2775, 0.3872



60.0093, 0.2919, 0.2556

Square

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



60.0093, 0.2775, 0.3872



60.0093, 0.2247, 0.2585



60.0093, 0.3439, 0.2795



60.0093, 0.4075, 0.3930

Rectangle

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



60.0093, 0.2775, 0.3872



60.0093, 0.2249, 0.3041



60.0093, 0.3439, 0.2795



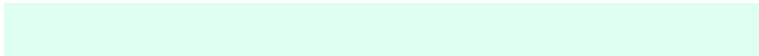
60.0093, 0.4092, 0.3415

Sweetspot

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



60.0117, 0.2775, 0.3872



93.3171, 0.3009, 0.3443



62.4727, 0.3369, 0.4496



19.7546, 0.2990, 0.3471



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.



60.0117, 0.2775, 0.3872



79.8686, 0.2724, 0.4015



60.3641, 0.2541, 0.3248



15.4622, 0.3042, 0.3398



31.8817, 0.2677, 0.4838



2.2279, 0.2605, 0.4577

Inverse Universe

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



33.6048, 0.3725, 0.2784



39.3668, 0.3907, 0.2689



33.0660, 0.4227, 0.3331



13.8032, 0.3221, 0.3184



9.7978, 0.5152, 0.2612



0.6970, 0.4777, 0.2405

Previews

White Background



This preview shows how the Yxy color 60.0093, 0.2775, 0.3872 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 60.0093, 0.2775, 0.3872 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

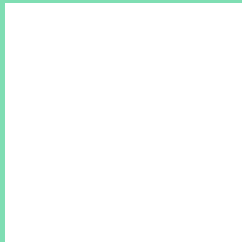
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0093, 0.2775, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 60.0093, 0.2775, 0.3872.

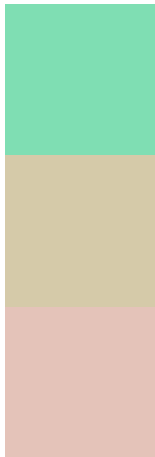


This preview shows how white text looks on a background with the Yxy color 60.0093, 0.2775, 0.3872.

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

60.0093, 0.2775, 0.3872

Protanopia

59.2518, 0.3461, 0.3680

Deuteranopia

59.0270, 0.3475, 0.3404



Tritanopia

60.0025, 0.2548, 0.3077

Trichromacy



Original Color

60.0093, 0.2775, 0.3872



Protanomaly

58.5631, 0.3173, 0.3744



Deuteranomaly

58.1579, 0.3176, 0.3561



Tritanomaly

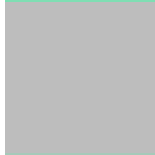
60.0978, 0.2626, 0.3353

Monochromacy



Original Color

60.0093, 0.2775, 0.3872



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.3831, 0.2974, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0093, 0.2775, 0.3872 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(127, 222, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 222, 179)  
}
```

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(127, 222, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 222, 179) }
```

Border

The CSS property to change the border of an element to Yxy 60.0093, 0.2775, 0.3872 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(127, 222, 179) }
```

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

```
.border{ border-color:rgb(127, 222, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 222, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 222, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 222, 179); box-shadow:4px 4px 4px 4px rgb(127, 222, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0093, 0.2775, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 222, 179) }
```

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

```
.background{ background-color: rgb(127,  
222, 179) }
```

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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