

Converting Colors

$Yxy(60.2851, 0.2776, 0.3877)$

Have a look what the booklet for
Yxy(60.2851, 0.2776, 0.3877)
contains.

Yxy(60.5421, 0.2776, 0.3884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.5421, 0.2776, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	7FDFB3
RGB	127, 223, 179
RGB Percent	50%, 87%, 70%
CMY	0.5022, 0.1254, 0.2980
CMYK	0.43, 0.00, 0.20, 0.13
HSL	153°, 60%, 69%
HSV	153°, 43%, 87%
XYZ	43.2711, 60.5421, 52.0625
YIQ	189.2800, -43.0920, -34.0360

Conversions

Conversions Part 2

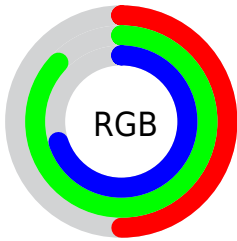
Format	Color
RYB	127, 189, 223
Decimal	8380339
CIELab	82.13, -38.34, 12.80
CIElCh	82, 40.421, 161.539
Yxy	60.5421, 0.2776, 0.3884
Android (android.graphics.Color)	4286570419 (0xFF7FDfB3)
YUV	189.2800, -5.0680, -54.6196
Hunter-Lab	77.8088, -36.8979, 14.7948

Details

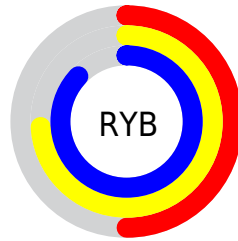
The Yxy color **60.5421, 0.2776, 0.3884** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.7902, 0.3725, 0.2775**, and the grayscale version is **51.0993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7085, 0.2820, 0.3508**, and **30.4834, 0.2683, 0.4052** is the 20% darker color. If you saturate the color by 10%, you get **58.6205, 0.2719, 0.4053**, and if you desaturate by 10%, it is **62.8781, 0.2846, 0.3725**.

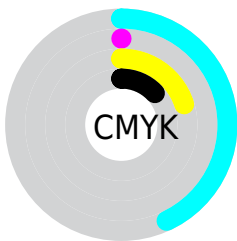
Distribution



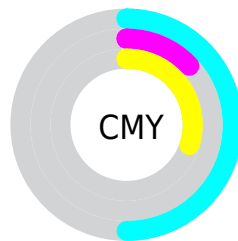
- Red (50%)
- Green (87%)
- Blue (70%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5421, 0.2776, 0.3884 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 60.5421, 0.2776, 0.3884 by changing the saturation by 10% instead.


 60.5421, 0.2776,
0.3884


 60.5421, 0.2776,
0.3884


426.5931, 0.2949,
0.3588

 43.8557, 0.2734,
0.3957


 105.6157, 0.2838,
0.3777

 30.5571, 0.2679,
0.4051


 134.7716, 0.2862,
0.3737

 20.2618, 0.2608,
0.4175


 168.8529, 0.2882,
0.3702

 12.5855, 0.2511,
0.4347

208.2439, 0.2899,
0.3673

 7.1438, 0.2369,
0.4601

253.3291, 0.2914,
0.3648

 3.5522, 0.2145,
0.5007

304.4927, 0.2927,

 1.4264, 0.1459,

0.3625

0.6110

362.1192, 0.2939,
0.3606

0.2360, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.5421, 0.2776,
0.3884

60.5421, 0.2776,
0.3884

58.6205, 0.2719,
0.4053

62.8781, 0.2846,
0.3725

57.0800, 0.2677,
0.4230

65.6447, 0.2925,
0.3578


55.8939, 0.2654,
0.4411


68.8662, 0.3011,
0.3445

55.0288, 0.2651,
0.4591


72.5627, 0.3099,
0.3324


 54.4446, 0.2669,
0.4766

 76.7535, 0.3190,
0.3217

 54.1597, 0.2690,
0.4882

 80.3504, 0.3239,
0.3120

 80.9755, 0.3171,
0.3022

 81.2618, 0.3142,
0.2980

Harmonies

Analogous

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



60.5421, 0.3276, 0.4195



60.5421, 0.2776, 0.3884



60.5421, 0.2391, 0.3378

Triad

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



60.5421, 0.2776, 0.3884



60.5421, 0.2483, 0.2468



60.5421, 0.4149, 0.3548

Complementary

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



60.5421, 0.2776, 0.3884



33.7902, 0.3725, 0.2775

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.



60.5421, 0.3905, 0.3141



60.5421, 0.2776, 0.3884



60.5421, 0.2911, 0.2547

Square

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



60.5421, 0.2776, 0.3884



60.5421, 0.2236, 0.2580



60.5421, 0.3436, 0.2787



60.5421, 0.4087, 0.3932

Rectangle

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



60.5421, 0.2776, 0.3884



60.5421, 0.2241, 0.3042



60.5421, 0.3436, 0.2787



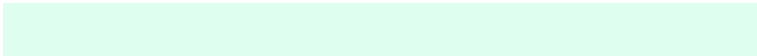
60.5421, 0.4101, 0.3411

Sweetspot

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



60.5446, 0.2776, 0.3884



93.3065, 0.3010, 0.3445



63.0575, 0.3371, 0.4505



19.7520, 0.2991, 0.3473



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.



60.5446, 0.2776, 0.3884



79.5946, 0.2722, 0.4041



60.9222, 0.2538, 0.3247



15.4609, 0.3043, 0.3399



31.8643, 0.2683, 0.4857



2.2267, 0.2609, 0.4593

Inverse Universe

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



33.7902, 0.3725, 0.2775



38.7013, 0.3922, 0.2672



33.2232, 0.4238, 0.3331



13.8044, 0.3221, 0.3183



9.8119, 0.5129, 0.2599



0.6980, 0.4758, 0.2395

Previews

White Background



This preview shows how the Yxy color 60.5421, 0.2776, 0.3884 looks on a white background.

Color Contrast Check

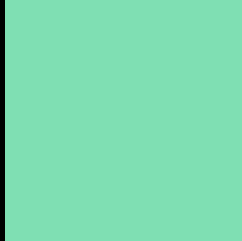
Large Text (above 18pt) WCAG AA × Fail

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 60.5421, 0.2776, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

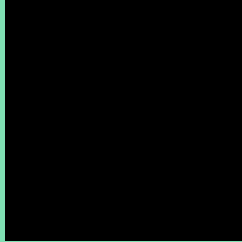
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

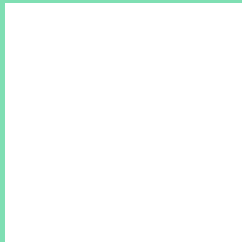
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5421, 0.2776, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 60.5421, 0.2776, 0.3884.

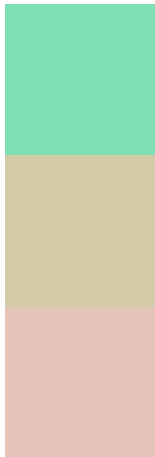


This preview shows how white text looks on a background with the Yxy color 60.5421, 0.2776, 0.3884.

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

60.5421, 0.2776, 0.3884

Protanopia

59.8726, 0.3467, 0.3690

Deuteranopia

59.6407, 0.3482, 0.3415



Tritanopia

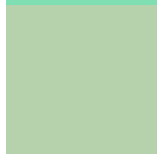
60.5704, 0.2545, 0.3078

Trichromacy



Original Color

60.5421, 0.2776, 0.3884



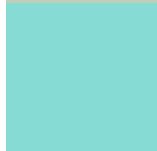
Protanomaly

59.0554, 0.3172, 0.3756



Deuteranomaly

58.7680, 0.3183, 0.3572



Tritanomaly

60.6180, 0.2628, 0.3366

Monochromacy



Original Color

60.5421, 0.2776, 0.3884



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 60.5421, 0.2776, 0.3884 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, 223, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 223, 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, 223, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 223, 179) }
```

Border

The CSS property to change the border of an element to Yxy 60.5421, 0.2776, 0.3884 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, 223, 179) }
```

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

```
.border{ border-color:rgb(127, 223, 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, 223, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 223, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 223, 179);  
box-shadow:4px 4px 4px 4px rgb(127, 223,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5421, 0.2776, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 223, 179) }
```

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

```
.background{ background-color: rgb(127,  
223, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor