

Converting Colors

$Y_{xy}(60.2902, 0.2710, 0.3796)$

Have a look what the booklet for
Yxy(60.2902, 0.2710, 0.3796)
contains.

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Color

Yxy(60.3431, 0.2712, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	79DFB9
RGB	121, 223, 185
RGB Percent	47%, 87%, 73%
CMY	0.5258, 0.1254, 0.2746
CMYK	0.46, 0.00, 0.17, 0.13
HSL	158°, 61%, 67%
HSV	158°, 46%, 87%
XYZ	43.0206, 60.3431, 55.2669
YIQ	188.1700, -48.5940, -33.4420

Conversions

Conversions Part 2

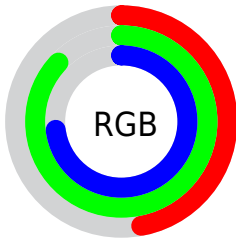
Format	Color
RYB	121, 184, 223
Decimal	7987129
CIELab	82.02, -38.62, 9.47
CIELCh	82, 39.764, 166.224
Yxy	60.3431, 0.2712, 0.3804
Android (android.graphics.Color)	4286177209 (0xFF79DFB9)
YUV	188.1700, -1.5628, -58.9081
Hunter-Lab	77.6808, -37.0859, 12.1940

Details

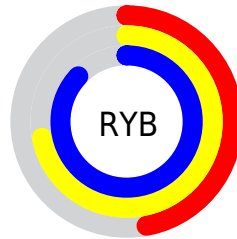
The Yxy color **60.3431, 0.2712, 0.3804** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **31.8508, 0.3885, 0.2844**, and the grayscale version is **50.4121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3359, 0.2759, 0.3442**, and **30.3601, 0.2601, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **58.5766, 0.2651, 0.3941**, and if you desaturate by 10%, it is **62.5072, 0.2787, 0.3674**.

Distribution



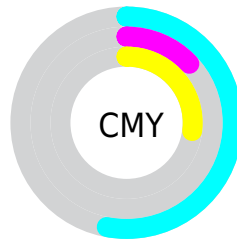
- Red (47%)
- Green (87%)
- Blue (73%)



- Red (47%)
- Yellow (72%)
- Blue (87%)



- Cyan (46%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (53%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3431, 0.2712, 0.3804 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 60.3431, 0.2712, 0.3804 by changing the saturation by 10% instead.


 60.3431, 0.2712,
0.3804

 60.3431, 0.2712,
0.3804


425.8613, 0.2914,
0.3550

 43.6952, 0.2663,
0.3867


 105.3272, 0.2784,
0.3712

 30.4310, 0.2601,
0.3946


 134.4323, 0.2812,
0.3678

 20.1660, 0.2521,
0.4052


 168.4585, 0.2835,
0.3648

 12.5157, 0.2412,
0.4197

207.7903, 0.2855,
0.3623

 7.0959, 0.2256,
0.4409

252.8121, 0.2873,
0.3601

 3.5222, 0.2015,
0.4748

303.9083, 0.2888,

 1.4100, 0.1280,

0.3582

0.5596

361.4632, 0.2902,
0.3565

■ 0.2241, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3431, 0.2712,
0.3804

■ 60.3431, 0.2712,
0.3804

■ 58.5766, 0.2651,
0.3941

■ 62.5072, 0.2787,
0.3674

■ 57.1742, 0.2607,
0.4084

■ 65.0857, 0.2874,
0.3554


■ 56.1085, 0.2583,
0.4229

■ 68.1028, 0.2969,
0.3443

■ 55.3448, 0.2578,
0.4374


■ 71.5788, 0.3068,
0.3343

 54.8407, 0.2594,
0.4516


 75.5330, 0.3171,
0.3253

 54.6747, 0.2604,
0.4576

 79.9832, 0.3273,
0.3173

 80.5234, 0.3219,
0.3092

 81.0373, 0.3165,
0.3013

 81.2635, 0.3142,
0.2980

Harmonies

Analogous

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



60.3431, 0.3195, 0.4152



60.3431, 0.2712, 0.3804



60.3431, 0.2358, 0.3297

Triad

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



60.3431, 0.2712, 0.3804



60.3431, 0.2547, 0.2479



60.3431, 0.4144, 0.3608

Complementary

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



60.3431, 0.2712, 0.3804



31.8508, 0.3885, 0.2844

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.



60.3431, 0.3949, 0.3205



60.3431, 0.2712, 0.3804



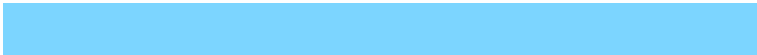
60.3431, 0.2992, 0.2584

Square

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



60.3431, 0.2712, 0.3804



60.3431, 0.2273, 0.2560



60.3431, 0.3512, 0.2843



60.3431, 0.4038, 0.3975

Rectangle

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



60.3431, 0.2712, 0.3804



60.3431, 0.2233, 0.2977



60.3431, 0.3512, 0.2843



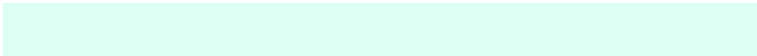
60.3431, 0.4112, 0.3474

Sweetspot

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



60.3455, 0.2712, 0.3804



93.0193, 0.2985, 0.3426



61.6425, 0.3319, 0.4613



19.7038, 0.2964, 0.3449



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.



60.3455, 0.2712, 0.3804



79.4475, 0.2653, 0.3936



56.0296, 0.2489, 0.3133



15.4812, 0.3031, 0.3379



32.1654, 0.2599, 0.4555



2.2467, 0.2538, 0.4336

Inverse Universe

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



31.8508, 0.3885, 0.2844



36.2548, 0.4138, 0.2762



33.8010, 0.4293, 0.3435



13.7846, 0.3234, 0.3203



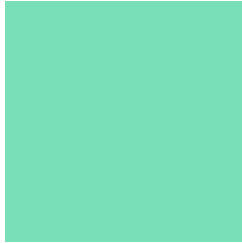
9.6124, 0.5480, 0.2792



0.6832, 0.5059, 0.2560

Previews

White Background



This preview shows how the Yxy color 60.3431, 0.2712, 0.3804 looks on a white background.

Color Contrast Check

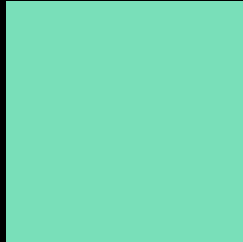
Large Text (above 18pt) WCAG AA × Fail

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 60.3431, 0.2712, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

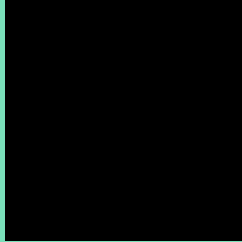
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3431, 0.2712, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 60.3431, 0.2712, 0.3804.

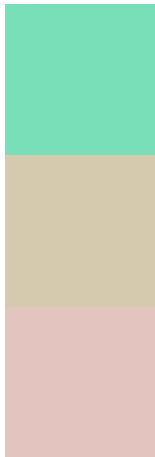


This preview shows how white text looks on a background with the Yxy color 60.3431, 0.2712, 0.3804.

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

60.3431, 0.2712, 0.3804

Protanopia

59.4432, 0.3423, 0.3620

Deuteranopia

59.5723, 0.3417, 0.3347



Tritanopia

60.1206, 0.2509, 0.3064

Trichromacy



Original Color

60.3431, 0.2712, 0.3804



Protanomaly

59.0108, 0.3123, 0.3693



Deuteranomaly

58.5081, 0.3110, 0.3499



Tritanomaly

60.2880, 0.2582, 0.3327

Monochromacy



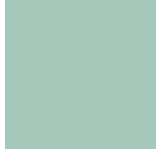
Original Color

60.3431, 0.2712, 0.3804



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

53.2537, 0.2946, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3431, 0.2712, 0.3804 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(121, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(121, 223, 185)  
}
```

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(121, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 223, 185) }
```

Border

The CSS property to change the border of an element to Yxy 60.3431, 0.2712, 0.3804 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(121, 223, 185) }
```

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

```
.border{ border-color:rgb(121, 223, 185) }
```

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

Here you see how a box with a 4 pixel rgb(121, 223, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 223, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 223, 185);  
box-shadow:4px 4px 4px 4px rgb(121, 223,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3431, 0.2712, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 223, 185) }
```

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

```
.background{ background-color: rgb(121,  
223, 185) }
```

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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