

Converting Colors

$Yxy(60.3209, 0.2633, 0.3356)$

Have a look what the booklet for
Yxy(60.3209, 0.2633, 0.3356)
contains.

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Color

Yxy(60.1811, 0.2632, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	88DAD5
RGB	136, 218, 213
RGB Percent	53%, 85%, 84%
CMY	0.4664, 0.1451, 0.1648
CMYK	0.38, 0.00, 0.02, 0.15
HSL	176°, 53%, 69%
HSV	176°, 38%, 85%
XYZ	47.2403, 60.1811, 72.0630
YIQ	192.9120, -47.2670, -18.9390

Conversions

Conversions Part 2

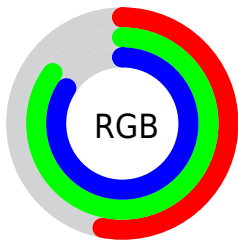
Format	Color
RYB	136, 178, 218
Decimal	8968917
CIELab	81.94, -26.08, -5.44
CIELCh	82, 26.641, 191.777
Yxy	60.1811, 0.2632, 0.3353
Android (android.graphics.Color)	4287158997 (0xFF88DAD5)
YUV	192.9120, 9.9034, -49.9118
Hunter-Lab	77.5765, -27.0611, -0.7726

Details

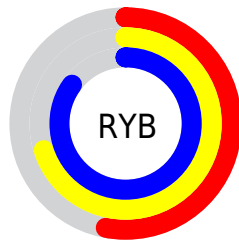
The Yxy color **60.1811, 0.2632, 0.3353** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.4570, 0.3989, 0.3231**, and the grayscale version is **53.2442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **30.3685, 0.2510, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **58.4715, 0.2531, 0.3372**, and if you desaturate by 10%, it is **62.2672, 0.2748, 0.3335**.

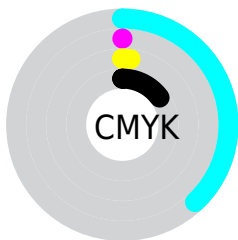
Distribution



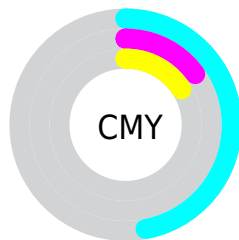
- Red (53%)
- Green (85%)
- Blue (84%)



- Red (53%)
- Yellow (70%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)





- Cyan (47%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1811, 0.2632, 0.3353 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 60.1811, 0.2632, 0.3353 by changing the saturation by 10% instead.


 60.1811, 0.2632,
0.3353


 60.1811, 0.2632,
0.3353


425.2650, 0.2866,
0.3327


 43.5646, 0.2577,
0.3358


 105.0923, 0.2714,
0.3344

 30.3284, 0.2509,
0.3364


 134.1559, 0.2746,
0.3341

 20.0880, 0.2422,
0.3371


 168.1372, 0.2773,
0.3338

 12.4590, 0.2307,
0.3379

207.4208, 0.2797,
0.3335

 7.0571, 0.2148,
0.3387

252.3910, 0.2817,
0.3333

 3.4978, 0.1914,
0.3392

303.4321, 0.2835,

 1.3968, 0.1506,

0.3330

360.9286, 0.2852,
0.3328

0.3397

0.2144, 0.0000,
0.2589

0.0000, 0.0000,
0.0000

60.1811, 0.2632,
0.3353

60.1811, 0.2632,
0.3353

58.4715, 0.2531,
0.3372

62.2672, 0.2748,
0.3335

57.1087, 0.2448,
0.3392

64.7435, 0.2878,
0.3317

56.0700, 0.2383,
0.3413

67.6315, 0.3017,
0.3301

55.3268, 0.2338,
0.3434

70.9492, 0.3163,
0.3287

■ 54.8458, 0.2311,
0.3454

■ 74.7135, 0.3313,
0.3273

■ 54.5812, 0.2301,
0.3474

■ 76.6205, 0.3377,
0.3261

■ 54.5316, 0.2300,
0.3479

■ 76.6919, 0.3368,
0.3247

■ 76.7639, 0.3358,
0.3234

■ 76.8364, 0.3349,
0.3221

Harmonies

Analogous

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



60.1811, 0.2897, 0.3670



60.1811, 0.2632, 0.3353



60.1811, 0.2498, 0.3038

Triad

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



60.1811, 0.2632, 0.3353



60.1811, 0.2991, 0.2781



60.1811, 0.3765, 0.3736

Complementary

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



60.1811, 0.2632, 0.3353



34.4570, 0.3989, 0.3231

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.



60.1811, 0.3800, 0.3483



60.1811, 0.2632, 0.3353



60.1811, 0.3339, 0.2950

Square

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



60.1811, 0.2632, 0.3353



60.1811, 0.2696, 0.2730



60.1811, 0.3641, 0.3200



60.1811, 0.3554, 0.3887

Rectangle

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



60.1811, 0.2632, 0.3353



60.1811, 0.2496, 0.2876



60.1811, 0.3641, 0.3200



60.1811, 0.3798, 0.3659

Sweetspot

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



60.1835, 0.2632, 0.3353



94.9527, 0.2967, 0.3307



57.6292, 0.3110, 0.4415



20.2018, 0.2948, 0.3309



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.



60.1835, 0.2632, 0.3353



83.8930, 0.2552, 0.3368



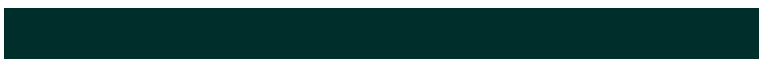
43.9595, 0.2536, 0.2812



14.8151, 0.2990, 0.3304



32.6774, 0.2299, 0.3476



2.1213, 0.2290, 0.3443

Inverse Universe

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



34.4570, 0.3989, 0.3231



42.2045, 0.4268, 0.3220



46.0253, 0.3882, 0.3720



13.0644, 0.3282, 0.3276



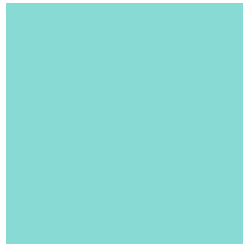
8.9532, 0.6331, 0.3262



0.5847, 0.6130, 0.3150

Previews

White Background



This preview shows how the Yxy color 60.1811, 0.2632, 0.3353 looks on a white background.

Color Contrast Check

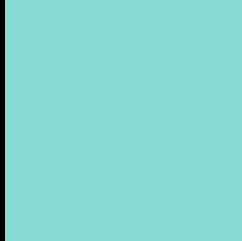
Large Text (above 18pt) WCAG AA × Fail

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 60.1811, 0.2632, 0.3353 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

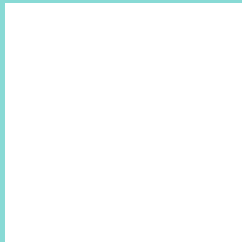
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1811, 0.2632, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 60.1811, 0.2632, 0.3353.

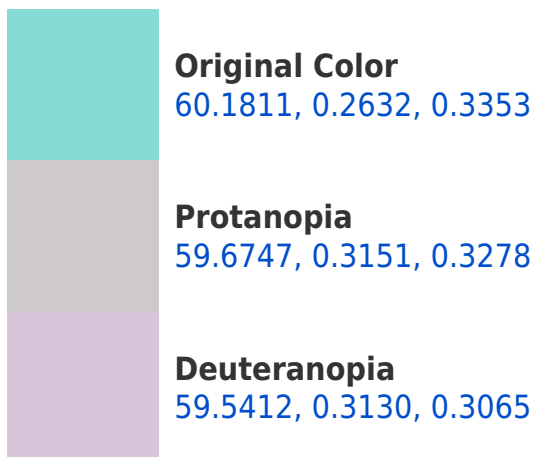


This preview shows how white text looks on a background with the Yxy color 60.1811, 0.2632, 0.3353.

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

60.0898, 0.2553, 0.3077

Trichromacy



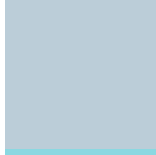
Original Color

60.1811, 0.2632, 0.3353



Protanomaly

59.4405, 0.2937, 0.3302



Deuteranomaly

59.1853, 0.2920, 0.3158



Tritanomaly

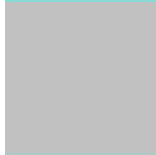
60.0369, 0.2581, 0.3175

Monochromacy



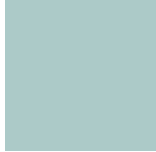
Original Color

60.1811, 0.2632, 0.3353



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.1818, 0.2917, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1811, 0.2632, 0.3353 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(136, 218, 213)` looks like.

```
.text, #text, p{  
    color:rgb(136, 218, 213)  
}
```

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(136, 218, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 218, 213) }
```

Border

The CSS property to change the border of an element to Yxy 60.1811, 0.2632, 0.3353 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(136, 218, 213) }
```

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

```
.border{ border-color:rgb(136, 218, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 218, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 218, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 218, 213);  
box-shadow:4px 4px 4px 4px rgb(136, 218,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1811, 0.2632, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 218, 213) }
```

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

```
.background{ background-color: rgb(136,  
218, 213) }
```

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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