

Converting Colors

Yxy(62.0314, 0.2896, 0.3257)

Have a look what the booklet for
Yxy(62.0314, 0.2896, 0.3257)
contains.

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Color

Yxy(61.9383, 0.2894, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	B6D4D7
RGB	182, 212, 215
RGB Percent	71%, 83%, 84%
CMY	0.2863, 0.1686, 0.1567
CMYK	0.15, 0.01, 0.00, 0.16
HSL	186°, 29%, 78%
HSV	186°, 15%, 84%
XYZ	55.1028, 61.9383, 73.3625
YIQ	203.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

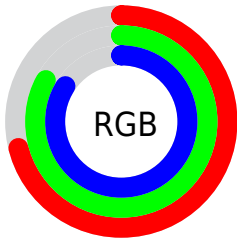
Format	Color
RYB	182, 198, 215
Decimal	11982039
CIELab	82.88, -9.29, -4.85
CIELCh	83, 10.483, 207.563
Yxy	61.9383, 0.2894, 0.3253
Android (android.graphics.Color)	4290172119 (0xFFB6D4D7)
YUV	203.3720, 5.7326, -18.7432
Hunter-Lab	78.7009, -12.7489, -0.1777

Details

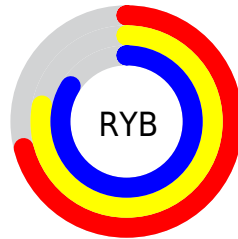
The Yxy color **61.9383, 0.2894, 0.3253** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.5384, 0.3409, 0.3327**, and the grayscale version is **59.9410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **31.3191, 0.2841, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **58.5404, 0.2751, 0.3226**, and if you desaturate by 10%, it is **65.7553, 0.3044, 0.3278**.

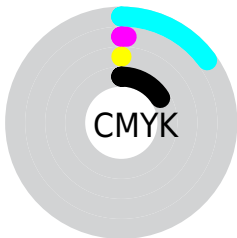
Distribution



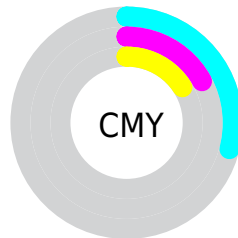
- Red (71%)
- Green (83%)
- Blue (84%)



- Red (71%)
- Yellow (78%)
- Blue (84%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)





- Cyan (29%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9383, 0.2894, 0.3253 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 61.9383, 0.2894, 0.3253 by changing the saturation by 10% instead.


 61.9383, 0.2894,
0.3253

 61.9383, 0.2894,
0.3253


431.7060, 0.3004,
0.3272

 44.9828, 0.2868,
0.3248


 107.6364, 0.2933,
0.3260

 31.4439, 0.2836,
0.3242


137.1477, 0.2948,
0.3262

 20.9371, 0.2794,
0.3234


171.6132, 0.2961,
0.3265

 13.0780, 0.2739,
0.3223

211.4172, 0.2972,
0.3266

 7.4823, 0.2662,
0.3207

256.9441, 0.2981,
0.3268

 3.7655, 0.2548,
0.3181

308.5782, 0.2990,

 1.5433, 0.2359,

0.3269

0.3133

366.7041, 0.2998,
0.3271

0.3189, 0.0705,
0.2949

0.0000, 0.0000,
0.0000

61.9383, 0.2894,
0.3253

61.9383, 0.2894,
0.3253

58.5404, 0.2751,
0.3226

65.7553, 0.3044,
0.3278

55.5357, 0.2619,
0.3198

70.0010, 0.3199,
0.3300

52.9070, 0.2501,
0.3168

74.6941, 0.3357,
0.3320

50.6329, 0.2399,
0.3137

77.2984, 0.3417,
0.3340

■ 48.6894, 0.2314,
0.3106

■ 78.3393, 0.3414,
0.3360

■ 47.0501, 0.2249,
0.3074

■ 79.3925, 0.3410,
0.3379

■ 45.6836, 0.2204,
0.3042

■ 80.4581, 0.3407,
0.3399

■ 44.5521, 0.2175,
0.3011

■ 81.5359, 0.3404,
0.3419

■ 44.0759, 0.2166,
0.2997

■ 82.6262, 0.3401,
0.3438

Harmonies

Analogous

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



61.9383, 0.2978, 0.3376



61.9383, 0.2894, 0.3253



61.9383, 0.2872, 0.3144

Triad

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



61.9383, 0.2894, 0.3253



61.9383, 0.3148, 0.3114



61.9383, 0.3341, 0.3504

Complementary

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



61.9383, 0.2894, 0.3253



52.5384, 0.3409, 0.3327

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.



61.9383, 0.3390, 0.3429



61.9383, 0.2894, 0.3253



61.9383, 0.3277, 0.3205

Square

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



61.9383, 0.2894, 0.3253



61.9383, 0.3016, 0.3067



61.9383, 0.3366, 0.3319



61.9383, 0.3235, 0.3523

Rectangle

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



61.9383, 0.2894, 0.3253



61.9383, 0.2894, 0.3094



61.9383, 0.3366, 0.3319



61.9383, 0.3365, 0.3484

Sweetspot

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



61.9409, 0.2894, 0.3253



96.9175, 0.3049, 0.3278



62.0546, 0.3090, 0.3664



20.6544, 0.3038, 0.3277



0.0000, 0.0000, 0.0000



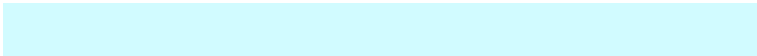
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9409, 0.2894, 0.3253



89.6527, 0.2853, 0.3246



54.2250, 0.2886, 0.3054



13.9040, 0.2983, 0.3268



26.4361, 0.2167, 0.3002



1.6527, 0.2182, 0.3055

Inverse Universe

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



52.6600, 0.3169, 0.2946



73.8618, 0.3177, 0.2881



59.7276, 0.3380, 0.3515



12.6121, 0.3152, 0.3081



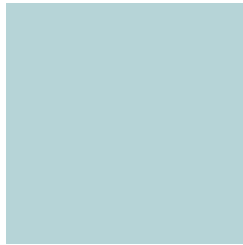
11.0136, 0.3453, 0.1676



0.6702, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 61.9383, 0.2894, 0.3253 looks on a white background.

Color Contrast Check

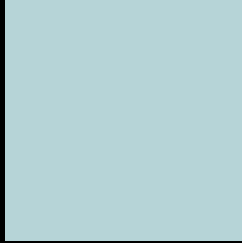
Large Text (above 18pt) WCAG AA × Fail

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 61.9383, 0.2894, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

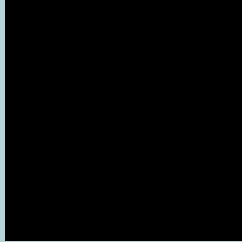
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

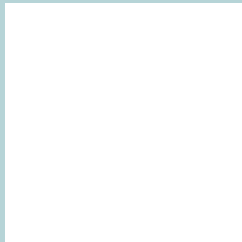
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9383, 0.2894, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 61.9383, 0.2894, 0.3253.



This preview shows how white text looks on a background with the Yxy color 61.9383, 0.2894, 0.3253.

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

61.9383, 0.2894, 0.3253

Protanopia

61.7757, 0.3108, 0.3221

Deuteranopia

61.6905, 0.3167, 0.3101



Tritanopia

61.8296, 0.2832, 0.3089

Trichromacy



Original Color

61.9383, 0.2894, 0.3253

Protanomaly

62.0073, 0.3033, 0.3243

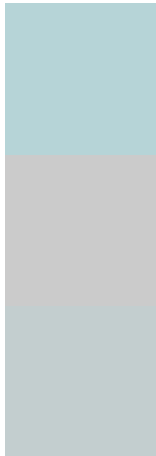
Deuteranomaly

61.4090, 0.3066, 0.3152

Tritanomaly

61.9835, 0.2851, 0.3147

Monochromacy



Original Color

61.9383, 0.2894, 0.3253

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2497, 0.3038, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9383, 0.2894, 0.3253 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(182, 212, 215)` looks like.

```
.text, #text, p{  
    color:rgb(182, 212, 215)  
}
```

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(182, 212, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 212, 215) }
```

Border

The CSS property to change the border of an element to Yxy 61.9383, 0.2894, 0.3253 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(182, 212, 215) }
```

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

```
.border{ border-color:rgb(182, 212, 215) }
```

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

Here you see how a box with a 4 pixel rgb(182, 212, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 212, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 212, 215);  
box-shadow:4px 4px 4px 4px rgb(182, 212,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9383, 0.2894, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 212, 215) }
```

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

```
.background{ background-color: rgb(182,  
212, 215) }
```

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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