

Converting Colors

$Yxy(60.9501, 0.2944, 0.3373)$

Have a look what the booklet for
Yxy(60.9501, 0.2944, 0.3373)
contains.

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Color

Yxy(61.1980, 0.2944, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	B4D4CD
RGB	180, 212, 205
RGB Percent	71%, 83%, 80%
CMY	0.2941, 0.1686, 0.1961
CMYK	0.15, 0.00, 0.03, 0.17
HSL	167°, 27%, 77%
HSV	167°, 15%, 83%
XYZ	53.3828, 61.1980, 66.7466
YIQ	201.6340, -16.8250, -8.9610

Conversions

Conversions Part 2

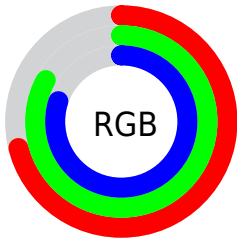
Format	Color
RYB	180, 198, 212
Decimal	11850957
CIELab	82.49, -11.97, -0.10
CIELCh	82, 11.973, 180.457
Yxy	61.1980, 0.2944, 0.3375
Android (android.graphics.Color)	4290041037 (0xFFB4D4CD)
YUV	201.6340, 1.6594, -18.9730
Hunter-Lab	78.2292, -15.0944, 4.1730

Details

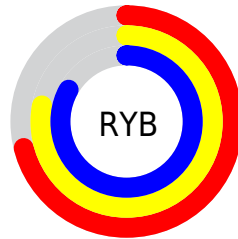
The Yxy color **61.1980, 0.2944, 0.3375** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.2276, 0.3348, 0.3207**, and the grayscale version is **58.8204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **30.8603, 0.2897, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **58.6265, 0.2831, 0.3438**, and if you desaturate by 10%, it is **64.1704, 0.3064, 0.3317**.

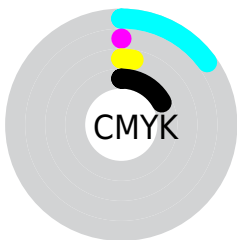
Distribution



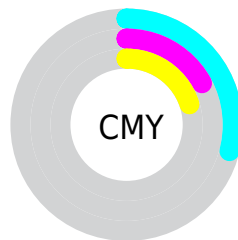
- Red (71%)
- Green (83%)
- Blue (80%)



- Red (71%)
- Yellow (78%)
- Blue (83%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)





- Cyan (29%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1980, 0.2944, 0.3375 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 61.1980, 0.2944, 0.3375 by changing the saturation by 10% instead.


 61.1980, 0.2944,
0.3375

 61.1980, 0.2944,
0.3375


428.9996, 0.3031,
0.3335

 44.3850, 0.2923,
0.3385


 106.5656, 0.2975,
0.3361

 30.9733, 0.2897,
0.3396


135.8889, 0.2987,
0.3355

 20.5785, 0.2864,
0.3412

170.1512, 0.2997,
0.3351

 12.8163, 0.2819,
0.3433

209.7367, 0.3006,
0.3347

 7.3021, 0.2756,
0.3462

255.0299, 0.3013,
0.3343

 3.6518, 0.2661,
0.3505

306.4152, 0.3020,

 1.4807, 0.2501,

0.3340

0.3579

364.2770, 0.3026,
0.3337

■ 0.2751, 0.0000,
0.4732

■ 0.0000, 0.0000,
0.0000

■ 61.1980, 0.2944,
0.3375

■ 61.1980, 0.2944,
0.3375

■ 58.6265, 0.2831,
0.3438

■ 64.1704, 0.3064,
0.3317

■ 56.4306, 0.2727,
0.3506


■ 67.5527, 0.3188,
0.3265

■ 54.5938, 0.2636,
0.3579


■ 71.3631, 0.3314,
0.3218

■ 53.0955, 0.2560,
0.3656

■ 73.7100, 0.3367,
0.3174

 51.9126, 0.2503,
0.3735


 73.9652, 0.3333,
0.3128

 51.0196, 0.2464,
0.3815

 74.2274, 0.3300,
0.3082


 50.3865, 0.2445,
0.3897

 74.4965, 0.3267,
0.3037

 49.9768, 0.2445,
0.3977

 74.7727, 0.3234,
0.2992

 49.8257, 0.2449,
0.4016

 75.0560, 0.3202,
0.2947

Harmonies

Analogous

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



61.1980, 0.3083, 0.3495



61.1980, 0.2944, 0.3375



61.1980, 0.2855, 0.3234

Triad

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



61.1980, 0.2944, 0.3375



61.1980, 0.3013, 0.3038



61.1980, 0.3427, 0.3459

Complementary

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



61.1980, 0.2944, 0.3375



50.2276, 0.3348, 0.3207

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.



61.1980, 0.3408, 0.3336



61.1980, 0.2944, 0.3375



61.1980, 0.3166, 0.3097

Square

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



61.1980, 0.2944, 0.3375



61.1980, 0.2894, 0.3042



61.1980, 0.3311, 0.3205



61.1980, 0.3363, 0.3541

Rectangle

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



61.1980, 0.2944, 0.3375



61.1980, 0.2834, 0.3148



61.1980, 0.3311, 0.3205



61.1980, 0.3430, 0.3421

Sweetspot

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



61.2006, 0.2944, 0.3375



97.4827, 0.3065, 0.3317



61.0093, 0.3164, 0.3684



20.7923, 0.3056, 0.3321



0.0000, 0.0000, 0.0000



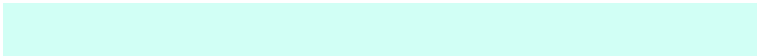
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2006, 0.2944, 0.3375



91.6783, 0.2908, 0.3394



57.3913, 0.2896, 0.3185



14.0591, 0.3011, 0.3342



30.7731, 0.2446, 0.4005



1.8679, 0.2407, 0.3866

Inverse Universe

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



50.2276, 0.3348, 0.3207



72.0333, 0.3403, 0.3189



53.4876, 0.3393, 0.3393



12.4650, 0.3257, 0.3239



8.7777, 0.6009, 0.3084



0.5420, 0.5518, 0.2813

Previews

White Background



This preview shows how the Yxy color 61.1980, 0.2944, 0.3375 looks on a white background.

Color Contrast Check

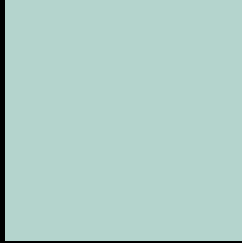
Large Text (above 18pt) WCAG AA × Fail

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 61.1980, 0.2944, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

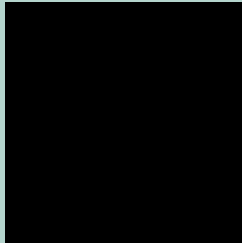
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

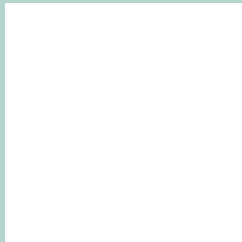
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1980, 0.2944, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 61.1980, 0.2944, 0.3375.



This preview shows how white text looks on a background with the Yxy color 61.1980, 0.2944, 0.3375.

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

61.1980, 0.2944, 0.3375

Protanopia

60.9112, 0.3194, 0.3337

Deuteranopia

60.6302, 0.3251, 0.3179



Tritanopia

61.2823, 0.2838, 0.3089

Trichromacy



Original Color

61.1980, 0.2944, 0.3375

Protanomaly

60.8957, 0.3094, 0.3349

Deuteranomaly

60.4823, 0.3129, 0.3244

Tritanomaly

61.2224, 0.2881, 0.3194

Monochromacy



Original Color

61.1980, 0.2944, 0.3375

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9237, 0.3058, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1980, 0.2944, 0.3375 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(180, 212, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 212, 205)  
}
```

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(180, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 212, 205) }
```

Border

The CSS property to change the border of an element to Yxy 61.1980, 0.2944, 0.3375 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(180, 212, 205) }
```

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

```
.border{ border-color:rgb(180, 212, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 212, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 212,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1980, 0.2944, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 212, 205) }
```

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

```
.background{ background-color: rgb(180,  
212, 205) }
```

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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