

Converting Colors

$Yxy(61.3725, 0.2875, 0.3286)$

Have a look what the booklet for
Yxy(61.3725, 0.2875, 0.3286)
contains.

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Color

Yxy(61.2382, 0.2873, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B1D4D5
RGB	177, 212, 213
RGB Percent	69%, 83%, 84%
CMY	0.3058, 0.1686, 0.1647
CMYK	0.17, 0.00, 0.00, 0.16
HSL	182°, 30%, 76%
HSV	182°, 17%, 84%
XYZ	53.6885, 61.2382, 71.9460
YIQ	201.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

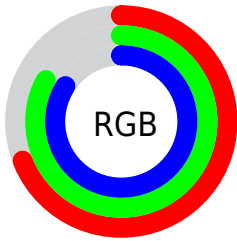
Format	Color
RYB	177, 195, 213
Decimal	11654357
CIELab	82.51, -11.28, -4.36
CIELCh	83, 12.093, 201.133
Yxy	61.2382, 0.2873, 0.3277
Android (android.graphics.Color)	4289844437 (0xFFB1D4D5)
YUV	201.6490, 5.5960, -21.6172
Hunter-Lab	78.2548, -14.4819, 0.2683

Details

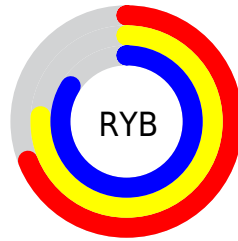
The Yxy color **61.2382, 0.2873, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1736, 0.3446, 0.3303**, and the grayscale version is **58.8104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **30.8676, 0.2814, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **58.6334, 0.2735, 0.3269**, and if you desaturate by 10%, it is **64.2396, 0.3021, 0.3285**.

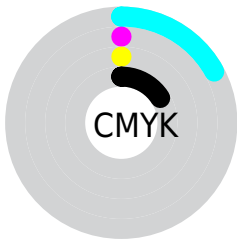
Distribution



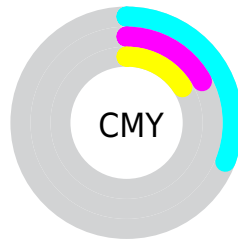
- Red (69%)
- Green (83%)
- Blue (84%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)




- Cyan (31%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2382, 0.2873, 0.3277 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 61.2382, 0.2873, 0.3277 by changing the saturation by 10% instead.


 61.2382, 0.2873,
0.3277

 61.2382, 0.2873,
0.3277

429.1468, 0.2994,
0.3284

 44.4174, 0.2845,
0.3275


 106.6238, 0.2915,
0.3280

 30.9988, 0.2809,
0.3272


135.9573, 0.2932,
0.3281

 20.5979, 0.2764,
0.3268


170.2306, 0.2946,
0.3282

 12.8304, 0.2703,
0.3263

209.8281, 0.2958,
0.3282

 7.3119, 0.2619,
0.3254

255.1340, 0.2968,
0.3283

 3.6579, 0.2493,
0.3239

306.5328, 0.2978,

 1.4841, 0.2284,

0.3284

364.4090, 0.2986,
0.3284

0.3208

0.2775, 0.0000,
0.3137

0.0000, 0.0000,
0.0000

61.2382, 0.2873,
0.3277

61.2382, 0.2873,
0.3277

58.6334, 0.2735,
0.3269

64.2396, 0.3021,
0.3285

56.3995, 0.2610,
0.3260

67.6469, 0.3176,
0.3292

54.5196, 0.2500,
0.3251

71.4785, 0.3335,
0.3299

52.9724, 0.2408,
0.3241

74.3541, 0.3440,
0.3305

■ 51.7344, 0.2335,
0.3232

■ 74.6575, 0.3439,
0.3311

■ 50.7790, 0.2281,
0.3222

■ 74.9620, 0.3438,
0.3317

■ 50.0751, 0.2246,
0.3213

■ 75.2677, 0.3437,
0.3323

■ 49.5820, 0.2227,
0.3204

■ 75.5744, 0.3436,
0.3329

■ 49.4495, 0.2223,
0.3201

■ 75.8823, 0.3435,
0.3335

Harmonies

Analogous

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



61.2382, 0.2982, 0.3418



61.2382, 0.2873, 0.3277



61.2382, 0.2831, 0.3144

Triad

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



61.2382, 0.2873, 0.3277



61.2382, 0.3117, 0.3071



61.2382, 0.3394, 0.3524

Complementary

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



61.2382, 0.2873, 0.3277



49.1736, 0.3446, 0.3303

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.



61.2382, 0.3433, 0.3425



61.2382, 0.2873, 0.3277



61.2382, 0.3271, 0.3166

Square

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



61.2382, 0.2873, 0.3277



61.2382, 0.2969, 0.3030



61.2382, 0.3388, 0.3295



61.2382, 0.3282, 0.3562

Rectangle

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



61.2382, 0.2873, 0.3277



61.2382, 0.2846, 0.3078



61.2382, 0.3388, 0.3295



61.2382, 0.3416, 0.3496

Sweetspot

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



61.2407, 0.2873, 0.3277



97.4338, 0.3049, 0.3286



60.1410, 0.3102, 0.3736



20.7804, 0.3038, 0.3286



0.0000, 0.0000, 0.0000



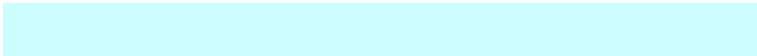
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2407, 0.2873, 0.3277



90.6689, 0.2826, 0.3274



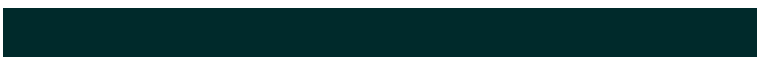
52.9215, 0.2863, 0.3059



14.0454, 0.2983, 0.3283



30.2297, 0.2223, 0.3202



1.8425, 0.2227, 0.3218

Inverse Universe

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



50.3521, 0.3155, 0.2885



71.5740, 0.3160, 0.2805



56.6279, 0.3412, 0.3511



12.6264, 0.3142, 0.3067



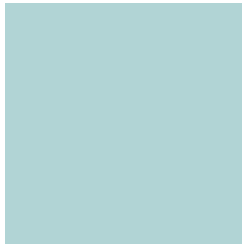
11.3966, 0.3280, 0.1581



0.6893, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 61.2382, 0.2873, 0.3277 looks on a white background.

Color Contrast Check

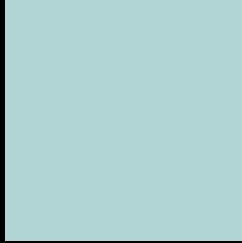
Large Text (above 18pt) WCAG AA × Fail

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 61.2382, 0.2873, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

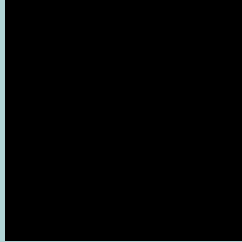
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

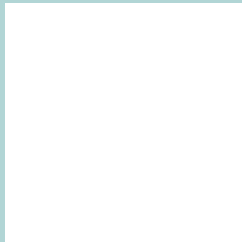
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2382, 0.2873, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 61.2382, 0.2873, 0.3277.



This preview shows how white text looks on a background with the Yxy color 61.2382, 0.2873, 0.3277.

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

61.2382, 0.2873, 0.3277

Protanopia

61.0052, 0.3122, 0.3244

Deuteranopia

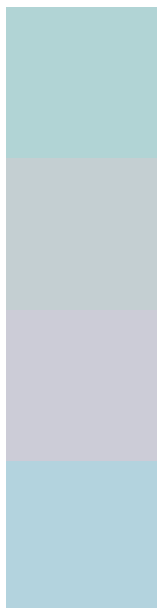
61.0204, 0.3167, 0.3100



Tritanopia

61.3425, 0.2806, 0.3088

Trichromacy



Original Color

61.2382, 0.2873, 0.3277

Protanomaly

61.0146, 0.3025, 0.3254

Deuteranomaly

60.9294, 0.3050, 0.3163

Tritanomaly

61.4462, 0.2830, 0.3158

Monochromacy



Original Color

61.2382, 0.2873, 0.3277

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9363, 0.3030, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2382, 0.2873, 0.3277 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(177, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(177, 212, 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(177, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 212, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.2382, 0.2873, 0.3277 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(177, 212, 213) }
```

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

```
.border{ border-color:rgb(177, 212, 213) }
```

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

Here you see how a box with a 4 pixel rgb(177, 212, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(177, 212,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2382, 0.2873, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 212, 213) }
```

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

```
.background{ background-color: rgb(177,  
212, 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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