

Converting Colors

Yxy(61.6358, 0.2877, 0.3386)

Have a look what the booklet for
Yxy(61.6358, 0.2877, 0.3386)
contains.

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Color

Yxy(61.8765, 0.2878, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	ACD7CF
RGB	172, 215, 207
RGB Percent	67%, 84%, 81%
CMY	0.3258, 0.1568, 0.1883
CMYK	0.20, 0.00, 0.04, 0.16
HSL	169°, 35%, 76%
HSV	169°, 20%, 84%
XYZ	52.5622, 61.8765, 68.1956
YIQ	201.2310, -23.0600, -11.6040

Conversions

Conversions Part 2

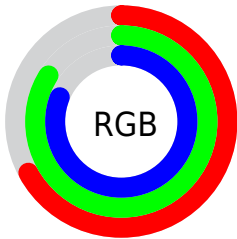
Format	Color
RYB	172, 196, 215
Decimal	11327439
CIELab	82.85, -15.66, -0.69
CIELCh	83, 15.676, 182.526
Yxy	61.8765, 0.2878, 0.3388
Android (android.graphics.Color)	4289517519 (0xFFACD7CF)
YUV	201.2310, 2.8441, -25.6356
Hunter-Lab	78.6616, -18.3831, 3.6617

Details

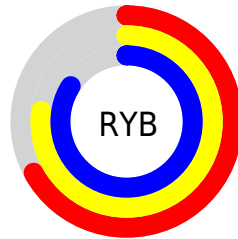
The Yxy color **61.8765, 0.2878, 0.3388** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2204, 0.3451, 0.3195**, and the grayscale version is **58.5445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **31.3635, 0.2815, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **59.4475, 0.2765, 0.3444**, and if you desaturate by 10%, it is **64.7092, 0.2999, 0.3337**.

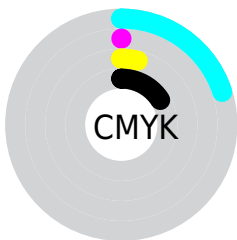
Distribution



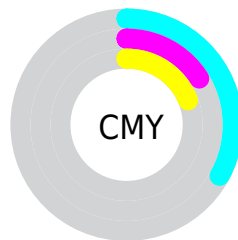
- Red (67%)
- Green (84%)
- Blue (81%)



- Red (67%)
- Yellow (77%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8765, 0.2878, 0.3388 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 61.8765, 0.2878, 0.3388 by changing the saturation by 10% instead.

61.8765, 0.2878,
0.3388

61.8765, 0.2878,
0.3388

431.4805, 0.2996,
0.3342

44.9329, 0.2850,
0.3399

107.5470, 0.2920,
0.3372

31.4046, 0.2815,
0.3412

137.0427, 0.2936,
0.3365

20.9071, 0.2770,
0.3430

171.4913, 0.2949,
0.3360

13.0561, 0.2711,
0.3453

211.2771, 0.2961,
0.3355

7.4672, 0.2627,
0.3485

256.7845, 0.2972,
0.3351

3.7560, 0.2501,
0.3533

308.3979, 0.2981,

1.5380, 0.2292,

0.3348

0.3611

366.5018, 0.2989,
0.3345

0.3153, 0.0000,
0.4460

0.0000, 0.0000,
0.0000

61.8765, 0.2878,
0.3388

61.8765, 0.2878,
0.3388

59.4475, 0.2765,
0.3444

64.7092, 0.2999,
0.3337

57.3955, 0.2664,
0.3503


67.9555, 0.3127,
0.3290

55.7027, 0.2578,
0.3566

71.6346, 0.3257,
0.3248


54.3465, 0.2508,
0.3631


75.2015, 0.3367,
0.3210

 53.3019, 0.2457,
0.3699


 75.4204, 0.3338,
0.3170


 52.5404, 0.2426,
0.3766

 75.6444, 0.3310,
0.3130

 52.0282, 0.2414,
0.3834

 75.8736, 0.3282,
0.3091

 51.7051, 0.2417,
0.3901

 76.1080, 0.3254,
0.3052

 76.3477, 0.3226,
0.3013

Harmonies

Analogous

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



61.8765, 0.3055, 0.3551



61.8765, 0.2878, 0.3388



61.8765, 0.2769, 0.3202

Triad

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



61.8765, 0.2878, 0.3388



61.8765, 0.2991, 0.2967



61.8765, 0.3516, 0.3517

Complementary

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



61.8765, 0.2878, 0.3388



47.2204, 0.3451, 0.3195

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.



61.8765, 0.3499, 0.3359



61.8765, 0.2878, 0.3388



61.8765, 0.3191, 0.3049

Square

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



61.8765, 0.2878, 0.3388



61.8765, 0.2832, 0.2965



61.8765, 0.3379, 0.3190



61.8765, 0.3425, 0.3622

Rectangle

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



61.8765, 0.2878, 0.3388



61.8765, 0.2747, 0.3093



61.8765, 0.3379, 0.3190



61.8765, 0.3523, 0.3468

Sweetspot

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



61.8791, 0.2878, 0.3388



97.0304, 0.3050, 0.3318



61.3569, 0.3164, 0.3830



20.7023, 0.3041, 0.3321



0.0000, 0.0000, 0.0000



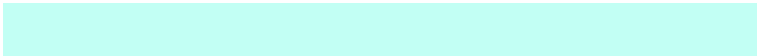
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8791, 0.2878, 0.3388



89.4697, 0.2830, 0.3411



55.9545, 0.2819, 0.3129



14.0663, 0.3007, 0.3334



30.9332, 0.2414, 0.3890



1.8763, 0.2382, 0.3774

Inverse Universe

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



47.2204, 0.3451, 0.3195



64.1725, 0.3537, 0.3174



52.0630, 0.3493, 0.3445



12.4583, 0.3262, 0.3247



8.7446, 0.6098, 0.3133



0.5389, 0.5629, 0.2875

Previews

White Background



This preview shows how the Yxy color 61.8765, 0.2878, 0.3388 looks on a white background.

Color Contrast Check

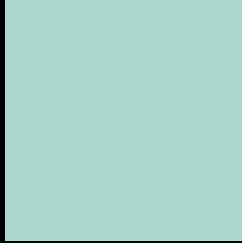
Large Text (above 18pt) WCAG AA × Fail

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 61.8765, 0.2878, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

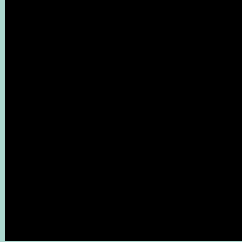
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

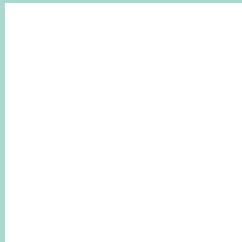
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8765, 0.2878, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 61.8765, 0.2878, 0.3388.



This preview shows how white text looks on a background with the Yxy color 61.8765, 0.2878, 0.3388.

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

61.8765, 0.2878, 0.3388

Protanopia

61.5813, 0.3194, 0.3336

Deuteranopia

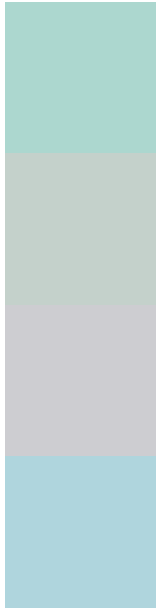
61.3473, 0.3243, 0.3168



Tritanopia

61.9742, 0.2769, 0.3088

Trichromacy



Original Color

61.8765, 0.2878, 0.3388

Protanomaly

61.6485, 0.3072, 0.3361

Deuteranomaly

61.2452, 0.3099, 0.3244

Tritanomaly

61.9229, 0.2812, 0.3193

Monochromacy



Original Color

61.8765, 0.2878, 0.3388

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.4016, 0.3028, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8765, 0.2878, 0.3388 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(172, 215, 207)` looks like.

```
.text, #text, p{  
    color:rgb(172, 215, 207)  
}
```

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(172, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 215, 207) }
```

Border

The CSS property to change the border of an element to Yxy 61.8765, 0.2878, 0.3388 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(172, 215, 207) }
```

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

```
.border{ border-color:rgb(172, 215, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 215, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(172, 215,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8765, 0.2878, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 215, 207) }
```

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

```
.background{ background-color: rgb(172,  
215, 207) }
```

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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