

Converting Colors

$Yxy(61.4793, 0.2805, 0.3169)$

Have a look what the booklet for
Yxy(61.4793, 0.2805, 0.3169)
contains.

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Color

Yxy(61.4749, 0.2805, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	AFD4DE
RGB	175, 212, 222
RGB Percent	69%, 83%, 87%
CMY	0.3136, 0.1686, 0.1294
CMYK	0.21, 0.05, 0.00, 0.13
HSL	193°, 42%, 78%
HSV	193°, 21%, 87%
XYZ	54.4137, 61.4749, 78.0997
YIQ	202.0770, -25.2620, -4.7340

Conversions

Conversions Part 2

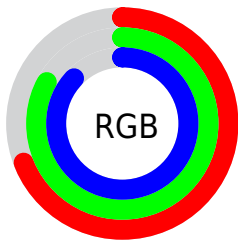
Format	Color
RYB	175, 196, 222
Decimal	11523294
CIELab	82.63, -9.97, -8.97
CIELCh	83, 13.415, 221.977
Yxy	61.4749, 0.2805, 0.3169
Android (android.graphics.Color)	4289713374 (0xFFAFD4DE)
YUV	202.0770, 9.8220, -23.7465
Hunter-Lab	78.4059, -13.3314, -4.1743

Details

The Yxy color **61.4749, 0.2805, 0.3169** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3414, 0.3528, 0.3408**, and the grayscale version is **59.0685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **31.0415, 0.2727, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **56.7864, 0.2660, 0.3104**, and if you desaturate by 10%, it is **66.6599, 0.2956, 0.3229**.

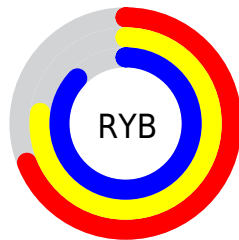
Distribution



Red (69%)

Green (83%)

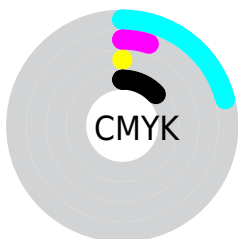
Blue (87%)



Red (69%)

Yellow (77%)

Blue (87%)

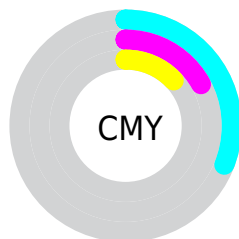


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4749, 0.2805, 0.3169 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 61.4749, 0.2805, 0.3169 by changing the saturation by 10% instead.

■ 61.4749, 0.2805,
0.3169

■ 61.4749, 0.2805,
0.3169

430.0131, 0.2957,
0.3229

■ 44.6085, 0.2770,
0.3155

■ 106.9663, 0.2858,
0.3190

■ 31.1492, 0.2725,
0.3136

136.3600, 0.2879,
0.3198

■ 20.7125, 0.2669,
0.3112

170.6984, 0.2897,
0.3205

■ 12.9140, 0.2594,
0.3079

210.3658, 0.2912,
0.3211

■ 7.3694, 0.2490,
0.3032

255.7466, 0.2925,
0.3216

■ 3.6941, 0.2336,
0.2958

307.2251, 0.2937,

■ 1.5040, 0.2088,

0.3221

0.2829

365.1858, 0.2948,
0.3225

0.2915, 0.0265,
0.2296

0.0000, 0.0000,
0.0000

61.4749, 0.2805,
0.3169

61.4749, 0.2805,
0.3169

56.7864, 0.2660,
0.3104

66.6599, 0.2956,
0.3229

52.5657, 0.2525,
0.3034

72.3537, 0.3109,
0.3284

48.7924, 0.2401,
0.2961

78.5773, 0.3263,
0.3334

45.4414, 0.2294,
0.2884

83.6326, 0.3353,
0.3379

42.4846, 0.2204,
0.2806

86.3135, 0.3347,
0.3426

39.8901, 0.2133,
0.2728

89.0664, 0.3340,
0.3472

37.6198, 0.2082,
0.2649

91.8918, 0.3334,
0.3517

35.8239, 0.2050,
0.2581

94.7904, 0.3328,
0.3563

97.7626, 0.3322,
0.3607

Harmonies

Analogous

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



61.4749, 0.2876, 0.3324



61.4749, 0.2805, 0.3169



61.4749, 0.2817, 0.3053

Triad

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



61.4749, 0.2805, 0.3169



61.4749, 0.3236, 0.3116



61.4749, 0.3343, 0.3587

Complementary

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



61.4749, 0.2805, 0.3169



53.3414, 0.3528, 0.3408

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.



61.4749, 0.3445, 0.3521



61.4749, 0.2805, 0.3169



61.4749, 0.3383, 0.3249

Square

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



61.4749, 0.2805, 0.3169



61.4749, 0.3063, 0.3027



61.4749, 0.3461, 0.3396



61.4749, 0.3184, 0.3572

Rectangle

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



61.4749, 0.2805, 0.3169



61.4749, 0.2872, 0.3011



61.4749, 0.3461, 0.3396



61.4749, 0.3385, 0.3573

Sweetspot

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



61.4774, 0.2805, 0.3169



95.1515, 0.3034, 0.3258



64.8372, 0.3041, 0.3755



20.2568, 0.3024, 0.3254



0.0000, 0.0000, 0.0000



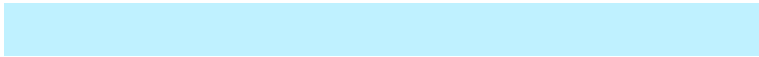
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4774, 0.2805, 0.3169



81.4906, 0.2746, 0.3143



50.8436, 0.2785, 0.2884



15.0509, 0.2982, 0.3239



21.4476, 0.2054, 0.2592



1.6118, 0.2087, 0.2712

Inverse Universe

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



50.9592, 0.3232, 0.2873



65.0070, 0.3256, 0.2790



63.6929, 0.3476, 0.3665



13.8830, 0.3170, 0.3107



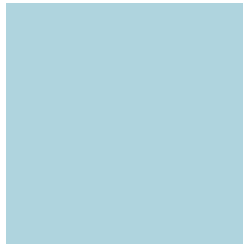
11.0732, 0.3831, 0.1884



0.7802, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 61.4749, 0.2805, 0.3169 looks on a white background.

Color Contrast Check

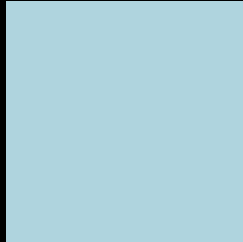
Large Text (above 18pt) WCAG AA × Fail

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 61.4749, 0.2805, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

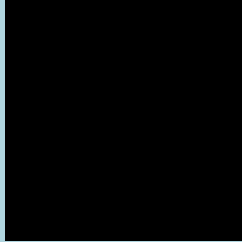
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

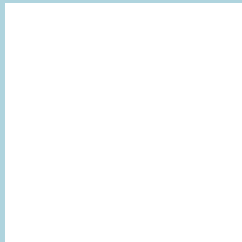
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4749, 0.2805, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 61.4749, 0.2805, 0.3169.

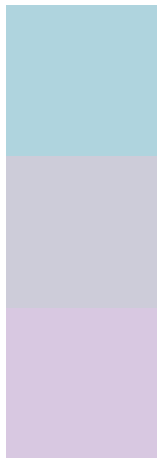


This preview shows how white text looks on a background with the Yxy color 61.4749, 0.2805, 0.3169.

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

61.4749, 0.2805, 0.3169

Protanopia

61.1746, 0.3044, 0.3140

Deuteranopia

61.3437, 0.3072, 0.3012



Tritanopia

61.4201, 0.2774, 0.3087

Trichromacy



Original Color

61.4749, 0.2805, 0.3169

Protanomaly

61.2095, 0.2950, 0.3149

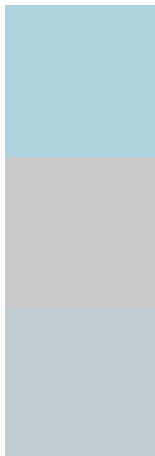
Deuteranomaly

60.9851, 0.2967, 0.3060

Tritanomaly

61.3096, 0.2786, 0.3110

Monochromacy



Original Color

61.4749, 0.2805, 0.3169

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9525, 0.3002, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4749, 0.2805, 0.3169 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(175, 212, 222)` looks like.

```
.text, #text, p{  
    color:rgb(175, 212, 222)  
}
```

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(175, 212, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 212, 222) }
```

Border

The CSS property to change the border of an element to Yxy 61.4749, 0.2805, 0.3169 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(175, 212, 222) }
```

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

```
.border{ border-color:rgb(175, 212, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 212, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 212, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 212, 222);  
box-shadow:4px 4px 4px 4px rgb(175, 212,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4749, 0.2805, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 212, 222) }
```

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

```
.background{ background-color: rgb(175,  
212, 222) }
```

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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