

Converting Colors

$Yxy(61.3997, 0.2796, 0.3213)$

Have a look what the booklet for
Yxy(61.3997, 0.2796, 0.3213)
contains.

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Color

Yxy(61.3609, 0.2798, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	ABD5DB
RGB	171, 213, 219
RGB Percent	67%, 84%, 86%
CMY	0.3292, 0.1647, 0.1411
CMYK	0.22, 0.03, 0.00, 0.14
HSL	188°, 40%, 76%
HSV	188°, 22%, 86%
XYZ	53.3855, 61.3609, 76.0524
YIQ	201.1260, -26.9580, -7.0380

Conversions

Conversions Part 2

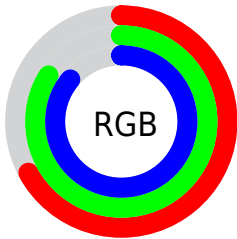
Format	Color
RYB	171, 193, 219
Decimal	11261403
CIELab	82.57, -12.34, -7.50
CIELCh	83, 14.442, 211.285
Yxy	61.3609, 0.2798, 0.3216
Android (android.graphics.Color)	4289451483 (0xFFABD5DB)
YUV	201.1260, 8.8119, -26.4205
Hunter-Lab	78.3332, -15.4321, -2.7304

Details

The Yxy color **61.3609, 0.2798, 0.3216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.4803, 0.3555, 0.3363**, and the grayscale version is **58.4561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **30.9856, 0.2719, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **57.7321, 0.2660, 0.3178**, and if you desaturate by 10%, it is **65.4257, 0.2945, 0.3252**.

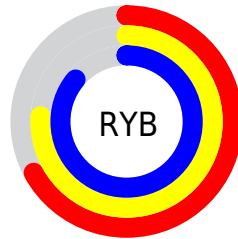
Distribution



Red (67%)

Green (84%)

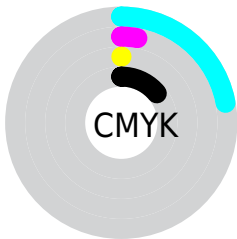
Blue (86%)



Red (67%)

Yellow (76%)

Blue (86%)

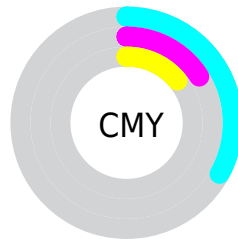


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (14%)



Cyan (33%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3609, 0.2798, 0.3216 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 61.3609, 0.2798, 0.3216 by changing the saturation by 10% instead.

■ 61.3609, 0.2798,
0.3216

■ 61.3609, 0.2798,
0.3216

429.5960, 0.2953,
0.3253

■ 44.5165, 0.2762,
0.3207

■ 106.8013, 0.2853,
0.3230

■ 31.0768, 0.2716,
0.3195

136.1661, 0.2874,
0.3235

■ 20.6573, 0.2659,
0.3179

170.4732, 0.2892,
0.3239

■ 12.8737, 0.2582,
0.3157

210.1069, 0.2907,
0.3243

■ 7.3417, 0.2475,
0.3125

255.4516, 0.2921,
0.3246

■ 3.6767, 0.2317,
0.3073

306.8918, 0.2933,

■ 1.4944, 0.2062,

0.3249

0.2978

364.8118, 0.2944,
0.3251

0.2848, 0.0000,
0.2545

0.0000, 0.0000,
0.0000

61.3609, 0.2798,
0.3216

61.3609, 0.2798,
0.3216

57.7321, 0.2660,
0.3178

65.4257, 0.2945,
0.3252

54.5116, 0.2533,
0.3137

69.9377, 0.3098,
0.3284

51.6800, 0.2421,
0.3095

74.9171, 0.3253,
0.3314

49.2133, 0.2326,
0.3052

79.6785, 0.3383,
0.3341

■ 47.0847, 0.2250,
0.3007

■ 81.1680, 0.3379,
0.3368

■ 45.2635, 0.2193,
0.2963

■ 82.6815, 0.3375,
0.3395

■ 43.7125, 0.2155,
0.2919

■ 84.2190, 0.3371,
0.3422

■ 42.6032, 0.2135,
0.2884

■ 85.7809, 0.3367,
0.3449

■ 87.3670, 0.3363,
0.3476

Harmonies

Analogous

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



61.3609, 0.2903, 0.3388



61.3609, 0.2798, 0.3216



61.3609, 0.2779, 0.3072

Triad

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



61.3609, 0.2798, 0.3216



61.3609, 0.3179, 0.3062



61.3609, 0.3408, 0.3594

Complementary

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



61.3609, 0.2798, 0.3216



49.4803, 0.3555, 0.3363

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.



61.3609, 0.3488, 0.3495



61.3609, 0.2798, 0.3216



61.3609, 0.3353, 0.3192

Square

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



61.3609, 0.2798, 0.3216



61.3609, 0.2994, 0.2989



61.3609, 0.3468, 0.3348



61.3609, 0.3253, 0.3611

Rectangle

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



61.3609, 0.2798, 0.3216



61.3609, 0.2817, 0.3010



61.3609, 0.3468, 0.3348



61.3609, 0.3445, 0.3569

Sweetspot

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



61.3634, 0.2798, 0.3216



95.3492, 0.3018, 0.3268



62.4928, 0.3063, 0.3825



20.3261, 0.3009, 0.3266



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.



61.3634, 0.2798, 0.3216



84.3254, 0.2737, 0.3200



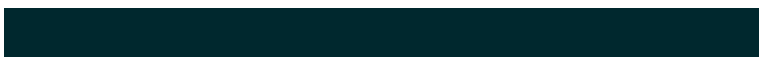
50.3655, 0.2777, 0.2920



14.5361, 0.2982, 0.3260



25.3710, 0.2136, 0.2891



1.7234, 0.2156, 0.2962

Inverse Universe

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



49.0146, 0.3202, 0.2812



64.2218, 0.3219, 0.2716



59.6045, 0.3498, 0.3634



13.2452, 0.3157, 0.3088



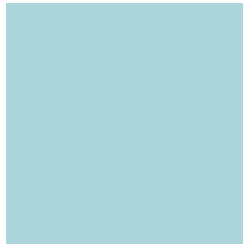
11.1850, 0.3552, 0.1730



0.7327, 0.3488, 0.1695

Previews

White Background



This preview shows how the Yxy color 61.3609, 0.2798, 0.3216 looks on a white background.

Color Contrast Check

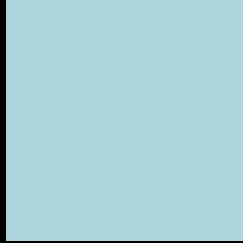
Large Text (above 18pt) WCAG AA × Fail

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 61.3609, 0.2798, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

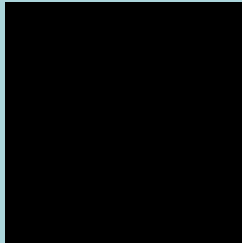
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

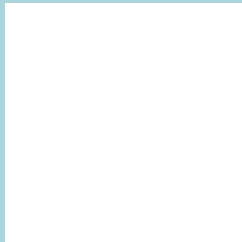
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3609, 0.2798, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 61.3609, 0.2798, 0.3216.

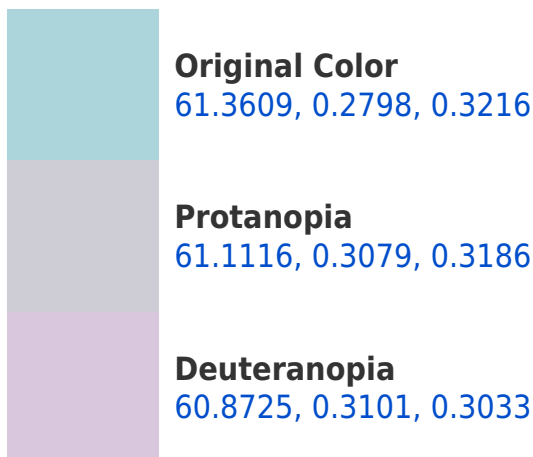


This preview shows how white text looks on a background with the Yxy color 61.3609, 0.2798, 0.3216.

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

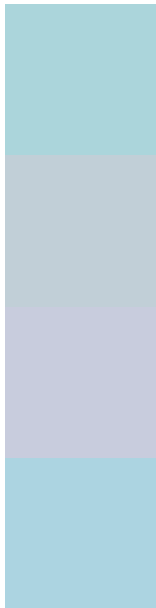




Tritanopia

61.5726, 0.2756, 0.3098

Trichromacy



Original Color

61.3609, 0.2798, 0.3216

Protanomaly

60.8694, 0.2970, 0.3195

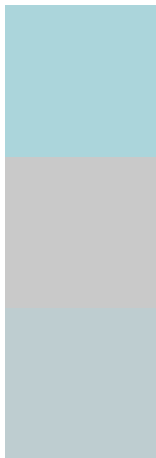
Deuteranomaly

60.6855, 0.2980, 0.3093

Tritanomaly

61.2939, 0.2768, 0.3133

Monochromacy



Original Color

61.3609, 0.2798, 0.3216

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1639, 0.2994, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3609, 0.2798, 0.3216 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(171, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(171, 213, 219)  
}
```

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(171, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 213, 219) }
```

Border

The CSS property to change the border of an element to Yxy 61.3609, 0.2798, 0.3216 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(171, 213, 219) }
```

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

```
.border{ border-color:rgb(171, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(171, 213,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3609, 0.2798, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 213, 219) }
```

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

```
.background{ background-color: rgb(171,  
213, 219) }
```

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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