

Converting Colors

Yxy(58.8319, 0.2836, 0.3209)

Have a look what the booklet for
Yxy(58.8319, 0.2836, 0.3209)
contains.

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Color

Yxy(58.8510, 0.2837, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	ADD0D6
RGB	173, 208, 214
RGB Percent	68%, 82%, 84%
CMY	0.3218, 0.1842, 0.1609
CMYK	0.19, 0.03, 0.00, 0.16
HSL	189°, 33%, 76%
HSV	189°, 19%, 84%
XYZ	51.9155, 58.8510, 72.2279
YIQ	198.2190, -22.7860, -5.5540

Conversions

Conversions Part 2

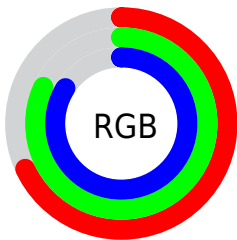
Format	Color
R _{YB}	173, 192, 214
Decimal	11391190
CIE Lab	81.21, -10.29, -6.82
CIE LCh	81, 12.347, 213.549
Yxy	58.8510, 0.2837, 0.3216
Android (android.graphics.Color)	4289581270 (0xFFADD0D6)
YUV	198.2190, 7.7800, -22.1171
Hunter-Lab	76.7144, -13.4526, -2.1224

Details

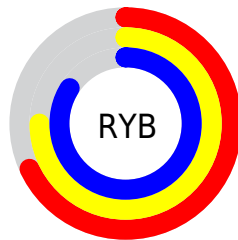
The Yxy color **58.8510, 0.2837, 0.3216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.5108, 0.3489, 0.3363**, and the grayscale version is **56.5690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **29.6075, 0.2768, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **55.1060, 0.2695, 0.3173**, and if you desaturate by 10%, it is **63.0211, 0.2986, 0.3256**.

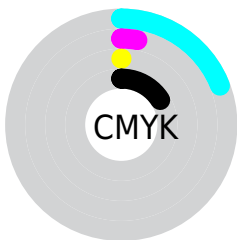
Distribution



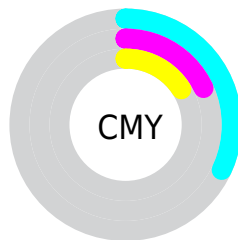
- Red (68%)
- Green (82%)
- Blue (84%)



- Red (68%)
- Yellow (75%)
- Blue (84%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (32%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8510, 0.2837, 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 58.8510, 0.2837, 0.3216 by changing the saturation by 10% instead.

■ 58.8510, 0.2837,
0.3216

■ 58.8510, 0.2837,
0.3216

420.3495, 0.2975,
0.3253

■ 42.4932, 0.2804,
0.3207

■ 103.1611, 0.2886,
0.3229

■ 29.4877, 0.2764,
0.3195

131.8821, 0.2905,
0.3235

■ 19.4500, 0.2711,
0.3179

165.4931, 0.2921,
0.3239

■ 11.9959, 0.2641,
0.3157

204.3782, 0.2934,
0.3243

■ 6.7409, 0.2542,
0.3125

248.9221, 0.2947,
0.3246

■ 3.3006, 0.2394,
0.3074

299.5090, 0.2957,

■ 1.2906, 0.2149,

0.3249

0.2978

356.5233, 0.2967,
0.3251

0.1339, 0.0000,
0.1770

0.0000, 0.0000,
0.0000

58.8510, 0.2837,
0.3216

58.8510, 0.2837,
0.3216

55.1060, 0.2695,
0.3173

63.0211, 0.2986,
0.3256

51.7602, 0.2563,
0.3126

67.6266, 0.3140,
0.3293

48.7958, 0.2445,
0.3078

72.6864, 0.3295,
0.3326

46.1906, 0.2343,
0.3027

77.5390, 0.3423,
0.3356

■ 43.9200, 0.2259,
0.2976

■ 79.1904, 0.3418,
0.3387

■ 41.9561, 0.2194,
0.2924

■ 80.8723, 0.3413,
0.3418

■ 40.2658, 0.2148,
0.2873

■ 82.5849, 0.3408,
0.3449

■ 38.7951, 0.2118,
0.2822

■ 84.3283, 0.3403,
0.3480

■ 38.6783, 0.2116,
0.2818

■ 86.1028, 0.3399,
0.3510

Harmonies

Analogous

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



58.8510, 0.2923, 0.3364



58.8510, 0.2837, 0.3216



58.8510, 0.2826, 0.3094

Triad

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



58.8510, 0.2837, 0.3216



58.8510, 0.3184, 0.3099



58.8510, 0.3363, 0.3557

Complementary

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



58.8510, 0.2837, 0.3216



49.5108, 0.3489, 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.



58.8510, 0.3437, 0.3477



58.8510, 0.2837, 0.3216



58.8510, 0.3333, 0.3215

Square

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



58.8510, 0.2837, 0.3216



58.8510, 0.3024, 0.3031



58.8510, 0.3426, 0.3352



58.8510, 0.3225, 0.3565

Rectangle

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



58.8510, 0.2837, 0.3216



58.8510, 0.2863, 0.3042



58.8510, 0.3426, 0.3352



58.8510, 0.3396, 0.3538

Sweetspot

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



58.8534, 0.2837, 0.3216



95.8029, 0.3034, 0.3268



60.1926, 0.3067, 0.3741



20.4111, 0.3024, 0.3266



0.0000, 0.0000, 0.0000



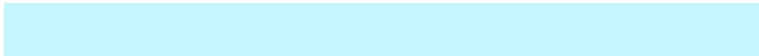
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8534, 0.2837, 0.3216



85.2067, 0.2778, 0.3199



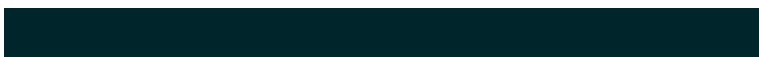
49.6947, 0.2822, 0.2963



13.7860, 0.2983, 0.3255



23.5018, 0.2118, 0.2825



1.5034, 0.2143, 0.2913

Inverse Universe

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



48.7143, 0.3198, 0.2882



67.5813, 0.3215, 0.2794



58.1250, 0.3445, 0.3597



12.6002, 0.3160, 0.3093



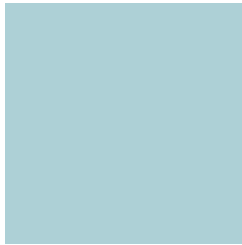
10.7174, 0.3611, 0.1763



0.6551, 0.3531, 0.1719

Previews

White Background



This preview shows how the Yxy color 58.8510, 0.2837, 0.3216 looks on a white background.

Color Contrast Check

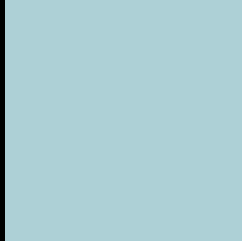
Large Text (above 18pt) WCAG AA × Fail

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 58.8510, 0.2837, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

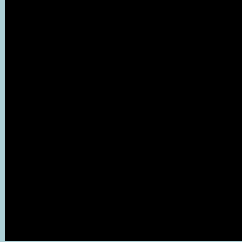
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

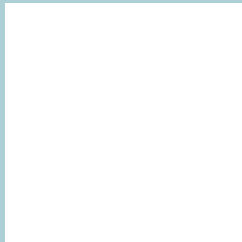
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8510, 0.2837, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 58.8510, 0.2837, 0.3216.



This preview shows how white text looks on a background with the Yxy color 58.8510, 0.2837, 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



Original Color

58.8510, 0.2837, 0.3216

Protanopia

58.4686, 0.3078, 0.3184

Deuteranopia

58.7858, 0.3115, 0.3052



Tritanopia

59.0673, 0.2794, 0.3096

Trichromacy



Original Color

58.8510, 0.2837, 0.3216

Protanomaly

58.4914, 0.2981, 0.3194

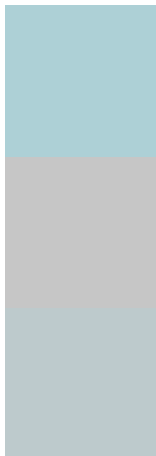
Deuteranomaly

58.4085, 0.3006, 0.3102

Tritanomaly

58.7916, 0.2806, 0.3131

Monochromacy



Original Color

58.8510, 0.2837, 0.3216

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.4195, 0.3014, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8510, 0.2837, 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(173, 208, 214)` looks like.

```
.text, #text, p{  
    color:rgb(173, 208, 214)  
}
```

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(173, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 208, 214) }
```

Border

The CSS property to change the border of an element to Yxy 58.8510, 0.2837, 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(173, 208, 214) }
```

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

```
.border{ border-color:rgb(173, 208, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 208, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(173, 208,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8510, 0.2837, 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(173, 208, 214) }
```

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

```
.background{ background-color: rgb(173,  
208, 214) }
```

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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