

Converting Colors

$Y_{xy}(50.5799, 0.2862, 0.3276)$

Have a look what the booklet for
Yxy(50.5799, 0.2862, 0.3276)
contains.

Yxy(50.5928, 0.2861, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.5928, 0.2861, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A1C3C4
RGB	161, 195, 196
RGB Percent	63%, 76%, 77%
CMY	0.3684, 0.2353, 0.2314
CMYK	0.18, 0.01, 0.00, 0.23
HSL	182°, 23%, 70%
HSV	182°, 18%, 77%
XYZ	44.1838, 50.5928, 59.6581
YIQ	184.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

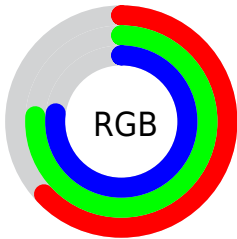
Format	Color
RYB	161, 178, 196
Decimal	10601412
CIELab	76.43, -11.09, -4.29
CIELCh	76, 11.887, 201.163
Yxy	50.5928, 0.2861, 0.3276
Android (android.graphics.Color)	4288791492 (0xFFA1C3C4)
YUV	184.9480, 5.4486, -21.0024
Hunter-Lab	71.1286, -13.5942, 0.0614

Details

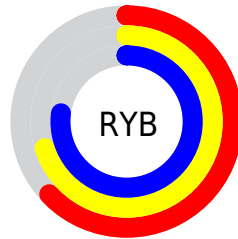
The Yxy color **50.5928, 0.2861, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1701, 0.3465, 0.3304**, and the grayscale version is **48.4687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3116, 0.2904, 0.3279**, and **24.2540, 0.2794, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **48.4633, 0.2725, 0.3267**, and if you desaturate by 10%, it is **53.0467, 0.3007, 0.3284**.

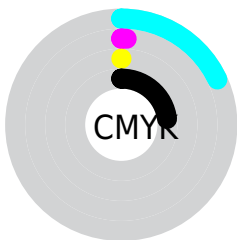
Distribution



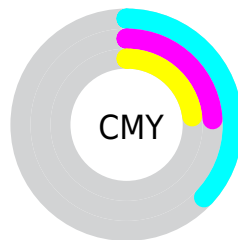
- Red (63%)
- Green (76%)
- Blue (77%)



- Red (63%)
- Yellow (70%)
- Blue (77%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (37%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5928, 0.2861, 0.3276 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 50.5928, 0.2861, 0.3276 by changing the saturation by 10% instead.


 50.5928, 0.2861,
0.3276

 50.5928, 0.2861,
0.3276


388.9796, 0.2991,
0.3284

 35.8846, 0.2829,
0.3274


 91.0526, 0.2908,
0.3279

 24.3451, 0.2789,
0.3270


 117.5730, 0.2926,
0.3280

 15.5898, 0.2736,
0.3266


148.7996, 0.2941,
0.3281

 9.2344, 0.2664,
0.3259

185.1168, 0.2954,
0.3282

 4.8944, 0.2558,
0.3247

226.9091, 0.2965,
0.3283

 2.1854, 0.2392,
0.3225

274.5607, 0.2975,

 0.7120, 0.1848,

0.3283

328.4561, 0.2984,
0.3284

0.3240

0.0000, 0.0000,
0.0000

50.5928, 0.2861,
0.3276

50.5928, 0.2861,
0.3276

48.4633, 0.2725,
0.3267

53.0467, 0.3007,
0.3284

46.6370, 0.2601,
0.3258

55.8325, 0.3161,
0.3292

45.1000, 0.2493,
0.3249

58.9654, 0.3319,
0.3298

43.8349, 0.2403,
0.3239

62.4576, 0.3478,
0.3305

42.8223, 0.2331,
0.3230

65.5449, 0.3603,
0.3310

■ 42.0404, 0.2278,
0.3220

■ 65.8023, 0.3602,
0.3316

■ 41.4634, 0.2244,
0.3211

■ 66.0606, 0.3601,
0.3322

■ 41.0534, 0.2225,
0.3201

■ 66.3198, 0.3600,
0.3328

■ 40.9729, 0.2222,
0.3199

■ 66.5800, 0.3598,
0.3333

Harmonies

Analogous

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



50.5928, 0.2975, 0.3424



50.5928, 0.2861, 0.3276



50.5928, 0.2817, 0.3137

Triad

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



50.5928, 0.2861, 0.3276



50.5928, 0.3117, 0.3061



50.5928, 0.3406, 0.3535

Complementary

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



50.5928, 0.2861, 0.3276



40.1701, 0.3465, 0.3304

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.



50.5928, 0.3447, 0.3431



50.5928, 0.2861, 0.3276



50.5928, 0.3278, 0.3161

Square

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



50.5928, 0.2861, 0.3276



50.5928, 0.2962, 0.3018



50.5928, 0.3400, 0.3295



50.5928, 0.3289, 0.3575

Rectangle

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



50.5928, 0.2861, 0.3276



50.5928, 0.2833, 0.3068



50.5928, 0.3400, 0.3295



50.5928, 0.3429, 0.3506

Sweetspot

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



50.5949, 0.2861, 0.3276



97.4282, 0.3049, 0.3286



49.6562, 0.3101, 0.3761



20.7790, 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.



50.5949, 0.2861, 0.3276



90.2432, 0.2812, 0.3273



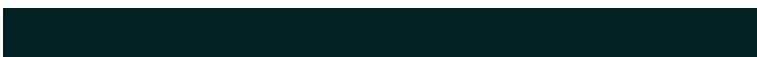
43.3852, 0.2849, 0.3046



11.3772, 0.2984, 0.3283



26.3508, 0.2223, 0.3201



1.1544, 0.2228, 0.3221

Inverse Universe

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



41.1828, 0.3156, 0.2865



70.3648, 0.3162, 0.2780



46.5930, 0.3428, 0.3522



10.2424, 0.3142, 0.3070



9.9424, 0.3281, 0.1581



0.4312, 0.3264, 0.1572

Previews

White Background



This preview shows how the Yxy color 50.5928, 0.2861, 0.3276 looks on a white background.

Color Contrast Check

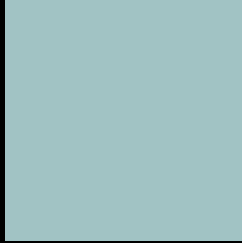
Large Text (above 18pt) WCAG AA × Fail

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 50.5928, 0.2861, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

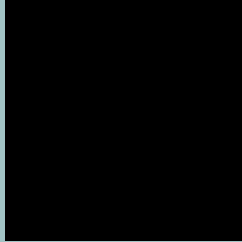
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

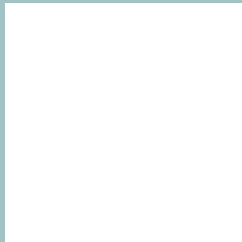
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5928, 0.2861, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 50.5928, 0.2861, 0.3276.



This preview shows how white text looks on a background with the Yxy color 50.5928, 0.2861, 0.3276.

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

50.5928, 0.2861, 0.3276

Protanopia

50.2494, 0.3121, 0.3240

Deuteranopia

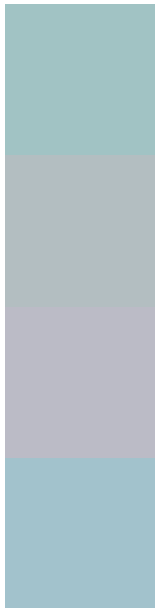
50.5471, 0.3161, 0.3097



Tritanopia

50.4805, 0.2794, 0.3096

Trichromacy



Original Color

50.5928, 0.2861, 0.3276

Protanomaly

50.2609, 0.3016, 0.3251

Deuteranomaly

50.1827, 0.3044, 0.3152

Tritanomaly

50.6246, 0.2814, 0.3159

Monochromacy



Original Color

50.5928, 0.2861, 0.3276

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2994, 0.3022, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5928, 0.2861, 0.3276 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(161, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 195, 196)  
}
```

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(161, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 195, 196) }
```

Border

The CSS property to change the border of an element to Yxy 50.5928, 0.2861, 0.3276 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(161, 195, 196) }
```

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

```
.border{ border-color:rgb(161, 195, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 195, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 195, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 195,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5928, 0.2861, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 195, 196) }
```

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

```
.background{ background-color: rgb(161,  
195, 196) }
```

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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