

Converting Colors

$Yxy(47.9928, 0.2696, 0.3258)$

Have a look what the booklet for
Yxy(47.9928, 0.2696, 0.3258)
contains.

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Color

Yxy(47.8875, 0.2695, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	89C2C4
RGB	137, 194, 196
RGB Percent	54%, 76%, 77%
CMY	0.4626, 0.2392, 0.2313
CMYK	0.30, 0.01, 0.00, 0.23
HSL	182°, 33%, 65%
HSV	182°, 30%, 77%
XYZ	39.5758, 47.8875, 59.3858
YIQ	177.1850, -34.6140, -11.4620

Conversions

Conversions Part 2

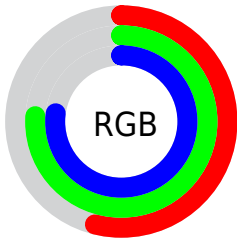
Format	Color
RYB	137, 166, 196
Decimal	9028292
CIELab	74.75, -17.82, -6.93
CIELCh	75, 19.118, 201.269
Yxy	47.8875, 0.2695, 0.3261
Android (android.graphics.Color)	4287218372 (0xFF89C2C4)
YUV	177.1850, 9.2758, -35.2422
Hunter-Lab	69.2008, -19.0175, -2.4401

Details

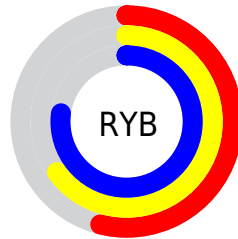
The Yxy color $47.8875, 0.2695, 0.3261$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $32.0200, 0.3786, 0.3319$, and the grayscale version is $44.0366, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.2927, 0.2769, 0.3268$, and $22.5940, 0.2577, 0.3250$ is the 20% darker color. If you saturate the color by 10%, you get $46.0836, 0.2574, 0.3250$, and if you desaturate by 10%, it is $49.9975, 0.2829, 0.3271$.

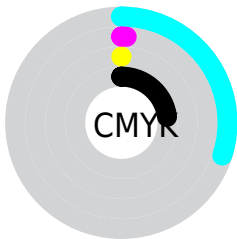
Distribution



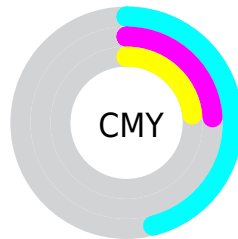
- Red (54%)
- Green (76%)
- Blue (77%)



- Red (54%)
- Yellow (65%)
- Blue (77%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)




- Cyan (46%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8875, 0.2695, 0.3261 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 47.8875, 0.2695, 0.3261 by changing the saturation by 10% instead.


 47.8875, 0.2695,
0.3261

 47.8875, 0.2695,
0.3261

378.3460, 0.2907,
0.3279


 33.7378, 0.2643,
0.3256


 87.0369, 0.2771,
0.3268

 22.6922, 0.2577,
0.3248


 112.8054, 0.2800,
0.3271

 14.3664, 0.2491,
0.3237


 143.2155, 0.2825,
0.3273

 8.3760, 0.2372,
0.3220

178.6518, 0.2846,
0.3274

 4.3364, 0.2201,
0.3191

219.4986, 0.2864,
0.3276

 1.8635, 0.1932,
0.3134

266.1403, 0.2880,

 0.5263, 0.0395,

0.3277

0.3185

318.9613, 0.2895,
0.3278

0.0000, 0.0000,
0.0000

47.8875, 0.2695,
0.3261

47.8875, 0.2695,
0.3261

46.0836, 0.2574,
0.3250

49.9975, 0.2829,
0.3271

44.5638, 0.2470,
0.3239

52.4228, 0.2974,
0.3281

43.3121, 0.2383,
0.3228

55.1796, 0.3126,
0.3290

42.3086, 0.2315,
0.3216

58.2810, 0.3283,
0.3298

41.5307, 0.2266,
0.3205

61.7395, 0.3441,
0.3306

■ 40.9517, 0.2235,
0.3194

■ 65.5670, 0.3600,
0.3312

■ 40.5229, 0.2218,
0.3183

■ 65.9425, 0.3601,
0.3319

■ 66.2499, 0.3600,
0.3326

■ 66.5586, 0.3598,
0.3333

Harmonies

Analogous

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



47.8875, 0.2876, 0.3510



47.8875, 0.2695, 0.3261



47.8875, 0.2627, 0.3033

Triad

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



47.8875, 0.2695, 0.3261



47.8875, 0.3108, 0.2923



47.8875, 0.3583, 0.3688

Complementary

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



47.8875, 0.2695, 0.3261



32.0200, 0.3786, 0.3319

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.



47.8875, 0.3655, 0.3513



47.8875, 0.2695, 0.3261



47.8875, 0.3374, 0.3081

Square

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



47.8875, 0.2695, 0.3261



47.8875, 0.2857, 0.2852



47.8875, 0.3577, 0.3293



47.8875, 0.3388, 0.3762

Rectangle

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



47.8875, 0.2695, 0.3261



47.8875, 0.2651, 0.2925



47.8875, 0.3577, 0.3293



47.8875, 0.3623, 0.3638

Sweetspot

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



47.8894, 0.2695, 0.3261



95.4063, 0.2988, 0.3282



46.6681, 0.3073, 0.4130



20.2721, 0.2966, 0.3280



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.



47.8894, 0.2695, 0.3261



84.5681, 0.2615, 0.3254



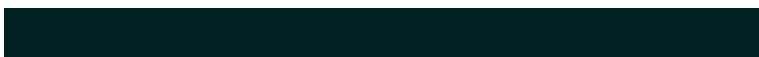
36.0556, 0.2648, 0.2836



11.3677, 0.2984, 0.3282



26.0622, 0.2218, 0.3184



1.1448, 0.2225, 0.3209

Inverse Universe

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



33.5311, 0.3181, 0.2573



54.5456, 0.3194, 0.2422



41.7281, 0.3673, 0.3704



10.2414, 0.3143, 0.3071



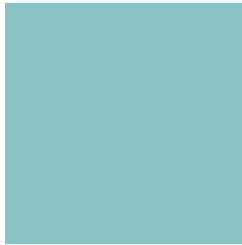
9.9132, 0.3295, 0.1589



0.4302, 0.3274, 0.1578

Previews

White Background



This preview shows how the Yxy color 47.8875, 0.2695, 0.3261 looks on a white background.

Color Contrast Check

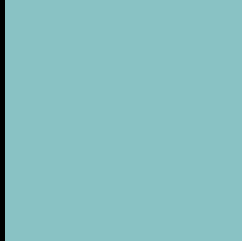
Large Text (above 18pt) WCAG AA × Fail

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 47.8875, 0.2695, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

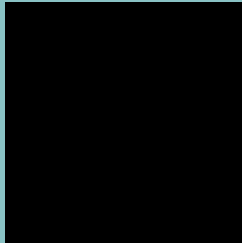
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

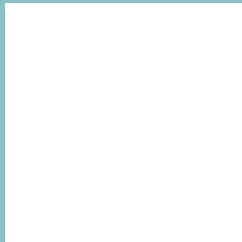
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8875, 0.2695, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 47.8875, 0.2695, 0.3261.

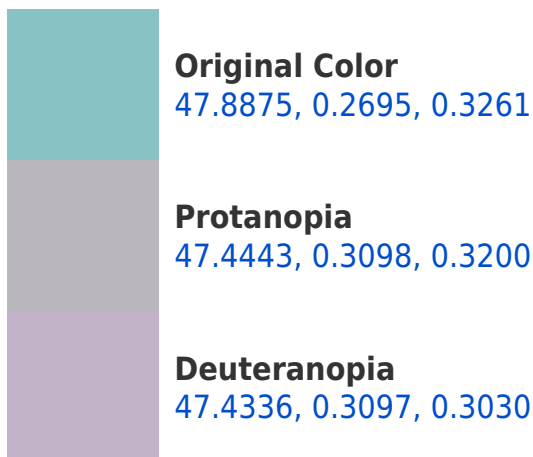


This preview shows how white text looks on a background with the Yxy color 47.8875, 0.2695, 0.3261.

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

47.8288, 0.2638, 0.3073

Trichromacy



Original Color

47.8875, 0.2695, 0.3261

Protanomaly

47.2484, 0.2937, 0.3210

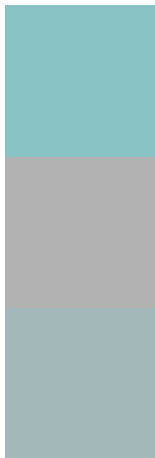
Deuteranomaly

47.2424, 0.2932, 0.3108

Tritanomaly

47.9885, 0.2657, 0.3140

Monochromacy



Original Color

47.8875, 0.2695, 0.3261

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.0090, 0.2947, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8875, 0.2695, 0.3261 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(137, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(137, 194, 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(137, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 194, 196) }
```

Border

The CSS property to change the border of an element to Yxy 47.8875, 0.2695, 0.3261 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(137, 194, 196) }
```

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

```
.border{ border-color:rgb(137, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(137, 194,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8875, 0.2695, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 194, 196) }
```

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

```
.background{ background-color: rgb(137,  
194, 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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