

Converting Colors

$Yxy(48.6465, 0.2795, 0.3209)$

Have a look what the booklet for
Yxy(48.6465, 0.2795, 0.3209)
contains.

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Color

Yxy(48.6465, 0.2795, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	9AC0C6
RGB	154, 192, 198
RGB Percent	60%, 75%, 78%
CMY	0.3960, 0.2471, 0.2236
CMYK	0.22, 0.03, 0.00, 0.22
HSL	188°, 28%, 69%
HSV	188°, 22%, 78%
XYZ	42.3705, 48.6465, 60.5769
YIQ	181.3220, -24.5740, -6.1900

Conversions

Conversions Part 2

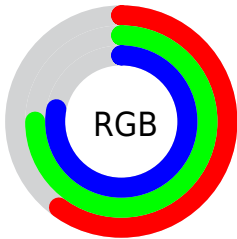
Format	Color
RYB	154, 174, 198
Decimal	10141894
CIELab	75.23, -11.28, -7.20
CIElCh	75, 13.382, 212.537
Yxy	48.6465, 0.2795, 0.3209
Android (android.graphics.Color)	4288331974 (0xFF9AC0C6)
YUV	181.3220, 8.2223, -23.9614
Hunter-Lab	69.7470, -13.6207, -2.6718

Details

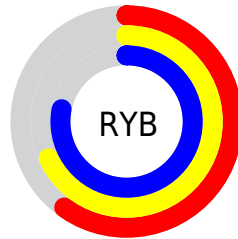
The Yxy color **48.6465, 0.2795, 0.3209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4831, 0.3558, 0.3369**, and the grayscale version is **46.3587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9101, 0.2851, 0.3217**, and **23.3036, 0.2709, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **45.6893, 0.2657, 0.3168**, and if you desaturate by 10%, it is **51.9498, 0.2941, 0.3247**.

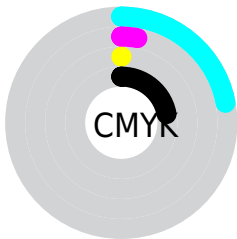
Distribution



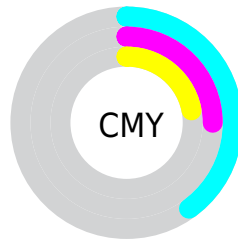
- Red (60%)
- Green (75%)
- Blue (78%)



- Red (60%)
- Yellow (68%)
- Blue (78%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)




- Cyan (40%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6465, 0.2795, 0.3209 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 48.6465, 0.2795, 0.3209 by changing the saturation by 10% instead.


 48.6465, 0.2795,
0.3209


 48.6465, 0.2795,
0.3209


381.3490, 0.2958,
0.3251

 34.3391, 0.2755,
0.3198


 88.1662, 0.2854,
0.3225

 23.1543, 0.2704,
0.3183


 114.1473, 0.2876,
0.3231

 14.7075, 0.2638,
0.3164


144.7885, 0.2895,
0.3235

 8.6143, 0.2546,
0.3135

180.4742, 0.2911,
0.3240

 4.4905, 0.2413,
0.3091

221.5886, 0.2925,
0.3243

 1.9515, 0.2203,
0.3014

268.5163, 0.2938,

 0.5791, 0.1376,

0.3246

0.2898

321.6417, 0.2949,
0.3249

0.0000, 0.0000,
0.0000

48.6465, 0.2795,
0.3209

48.6465, 0.2795,
0.3209

45.6893, 0.2657,
0.3168

51.9498, 0.2941,
0.3247

43.0564, 0.2530,
0.3124

55.6081, 0.3093,
0.3283

40.7328, 0.2418,
0.3078

59.6370, 0.3248,
0.3315

38.6995, 0.2322,
0.3031

64.0497, 0.3402,
0.3343

36.9357, 0.2245,
0.2983

68.8586, 0.3555,
0.3369

■ 35.4171, 0.2186,
0.2935

■ 70.5389, 0.3564,
0.3396

■ 34.1152, 0.2147,
0.2888

■ 71.8670, 0.3558,
0.3424

■ 33.2097, 0.2125,
0.2851

■ 73.2176, 0.3552,
0.3451

■ 74.5907, 0.3547,
0.3478

Harmonies

Analogous

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



48.6465, 0.2897, 0.3381



48.6465, 0.2795, 0.3209



48.6465, 0.2780, 0.3067

Triad

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



48.6465, 0.2795, 0.3209



48.6465, 0.3186, 0.3066



48.6465, 0.3403, 0.3597

Complementary

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



48.6465, 0.2795, 0.3209



39.4831, 0.3558, 0.3369

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.



48.6465, 0.3487, 0.3501



48.6465, 0.2795, 0.3209



48.6465, 0.3360, 0.3198

Square

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



48.6465, 0.2795, 0.3209



48.6465, 0.3001, 0.2990



48.6465, 0.3471, 0.3355



48.6465, 0.3246, 0.3610

Rectangle

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



48.6465, 0.2795, 0.3209



48.6465, 0.2820, 0.3006



48.6465, 0.3471, 0.3355



48.6465, 0.3441, 0.3573

Sweetspot

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



48.6485, 0.2795, 0.3209



95.2286, 0.3018, 0.3266



49.7902, 0.3057, 0.3819



20.2981, 0.3009, 0.3264



0.0000, 0.0000, 0.0000



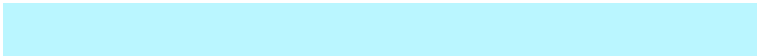
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6485, 0.2795, 0.3209



83.3587, 0.2722, 0.3188



39.7514, 0.2773, 0.2906



11.8116, 0.2984, 0.3258



21.6914, 0.2127, 0.2857



1.0970, 0.2154, 0.2956

Inverse Universe

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



38.9278, 0.3207, 0.2814



63.0716, 0.3229, 0.2700



47.7403, 0.3499, 0.3646



10.7908, 0.3158, 0.3093



9.7298, 0.3582, 0.1747



0.4678, 0.3493, 0.1698

Previews

White Background



This preview shows how the Yxy color 48.6465, 0.2795, 0.3209 looks on a white background.

Color Contrast Check

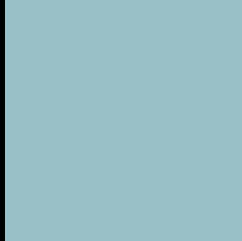
Large Text (above 18pt) WCAG AA × Fail

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 48.6465, 0.2795, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

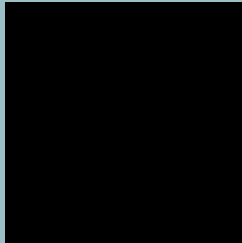
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

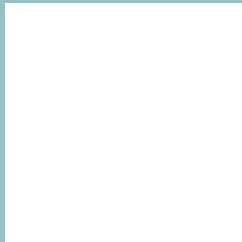
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6465, 0.2795, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 48.6465, 0.2795, 0.3209.



This preview shows how white text looks on a background with the Yxy color 48.6465, 0.2795, 0.3209.

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

48.6465, 0.2795, 0.3209

Protanopia

48.5703, 0.3074, 0.3176

Deuteranopia

48.5953, 0.3097, 0.3033



Tritanopia

48.7858, 0.2756, 0.3092

Trichromacy



Original Color

48.6465, 0.2795, 0.3209

Protanomaly

48.4794, 0.2962, 0.3186

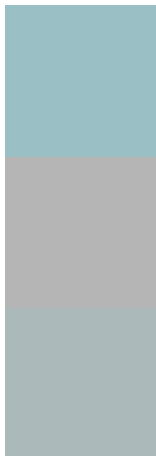
Deuteranomaly

48.2749, 0.2981, 0.3087

Tritanomaly

48.5420, 0.2768, 0.3130

Monochromacy



Original Color

48.6465, 0.2795, 0.3209

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9437, 0.2997, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6465, 0.2795, 0.3209 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(154, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(154, 192, 198)  
}
```

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(154, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 192, 198) }
```

Border

The CSS property to change the border of an element to Yxy 48.6465, 0.2795, 0.3209 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(154, 192, 198) }
```

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

```
.border{ border-color:rgb(154, 192, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(154, 192,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6465, 0.2795, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 192, 198) }
```

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

```
.background{ background-color: rgb(154,  
192, 198) }
```

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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