

Converting Colors

$Yxy(49.5190, 0.2737, 0.3139)$

Have a look what the booklet for
Yxy(49.5190, 0.2737, 0.3139)
contains.

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Color

Yxy(49.6668, 0.2738, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	98C2CD
RGB	152, 194, 205
RGB Percent	60%, 76%, 80%
CMY	0.4041, 0.2392, 0.1961
CMYK	0.26, 0.05, 0.00, 0.20
HSL	192°, 35%, 70%
HSV	192°, 26%, 80%
XYZ	43.2531, 49.6668, 65.0534
YIQ	182.6960, -28.5630, -5.4830

Conversions

Conversions Part 2

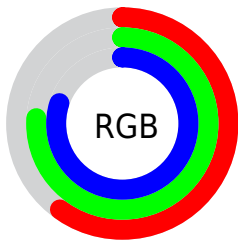
Format	Color
RYB	152, 175, 205
Decimal	10011341
CIELab	75.86, -11.38, -10.06
CIELCh	76, 15.189, 221.486
Yxy	49.6668, 0.2738, 0.3144
Android (android.graphics.Color)	4288201421 (0xFF98C2CD)
YUV	182.6960, 10.9959, -26.9204
Hunter-Lab	70.4747, -13.7782, -5.3968

Details

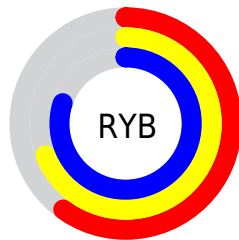
The Yxy color **49.6668, 0.2738, 0.3144** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4134, 0.3639, 0.3431**, and the grayscale version is **47.1261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4798, 0.2841, 0.3248**, and **23.6432, 0.2628, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **45.9983, 0.2598, 0.3079**, and if you desaturate by 10%, it is **53.7350, 0.2885, 0.3204**.

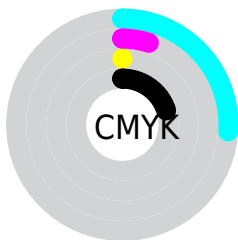
Distribution



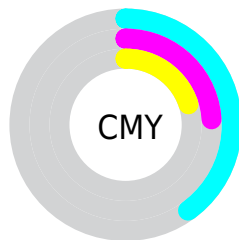
- Red (60%)
- Green (76%)
- Blue (80%)



- Red (60%)
- Yellow (69%)
- Blue (80%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.6668, 0.2738, 0.3144 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 49.6668, 0.2738, 0.3144 by changing the saturation by 10% instead.

■ 49.6668, 0.2738,
0.3144

■ 49.6668, 0.2738,
0.3144

■ 385.3615, 0.2928,
0.3219

■ 35.1487, 0.2692,
0.3125

■ 89.6810, 0.2806,
0.3172

■ 23.7775, 0.2634,
0.3100

■ 115.9459, 0.2832,
0.3182

■ 15.1686, 0.2557,
0.3067

■ 146.8952, 0.2854,
0.3190

■ 8.9378, 0.2454,
0.3019

■ 182.9133, 0.2873,
0.3198

■ 4.7006, 0.2305,
0.2948

■ 224.3846, 0.2889,
0.3204

■ 2.0727, 0.2073,
0.2828

■ 271.6934, 0.2904,

■ 0.6492, 0.1373,

0.3210

0.2627

325.2243, 0.2917,
0.3215

0.0000, 0.0000,
0.0000

49.6668, 0.2738,
0.3144

49.6668, 0.2738,
0.3144

45.9983, 0.2598,
0.3079

53.7350, 0.2885,
0.3204

42.7054, 0.2469,
0.3010

58.2136, 0.3037,
0.3260

39.7706, 0.2354,
0.2938

63.1203, 0.3191,
0.3310

37.1721, 0.2255,
0.2863

68.4699, 0.3343,
0.3355

34.8858, 0.2175,
0.2788

74.2765, 0.3493,
0.3396

■ 32.8834, 0.2114,
0.2712

■ 76.5704, 0.3489,
0.3438

■ 31.1299, 0.2072,
0.2637

■ 78.8178, 0.3481,
0.3480

■ 30.4503, 0.2057,
0.2606

■ 81.1219, 0.3473,
0.3522

■ 83.4833, 0.3465,
0.3564

Harmonies

Analogous

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



49.6668, 0.2825, 0.3334



49.6668, 0.2738, 0.3144



49.6668, 0.2751, 0.3003

Triad

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



49.6668, 0.2738, 0.3144



49.6668, 0.3256, 0.3078



49.6668, 0.3392, 0.3651

Complementary

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



49.6668, 0.2738, 0.3144



41.4134, 0.3639, 0.3431

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.



49.6668, 0.3516, 0.3567



49.6668, 0.2738, 0.3144



49.6668, 0.3437, 0.3237

Square

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



49.6668, 0.2738, 0.3144



49.6668, 0.3045, 0.2971



49.6668, 0.3533, 0.3414



49.6668, 0.3199, 0.3636

Rectangle

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



49.6668, 0.2738, 0.3144



49.6668, 0.2815, 0.2953



49.6668, 0.3533, 0.3414



49.6668, 0.3443, 0.3633

Sweetspot

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



49.6688, 0.2738, 0.3144



93.6707, 0.3003, 0.3248



52.9556, 0.3022, 0.3871



19.8056, 0.2980, 0.3240



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.



49.6688, 0.2738, 0.3144



77.9696, 0.2660, 0.3109



39.0361, 0.2705, 0.2783



12.3175, 0.2983, 0.3241



19.0997, 0.2060, 0.2617



1.0872, 0.2101, 0.2763

Inverse Universe

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



39.3173, 0.3257, 0.2776



58.5021, 0.3291, 0.2663



51.6713, 0.3560, 0.3750



11.3624, 0.3169, 0.3108



9.7311, 0.3808, 0.1871



0.5123, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 49.6668, 0.2738, 0.3144 looks on a white background.

Color Contrast Check

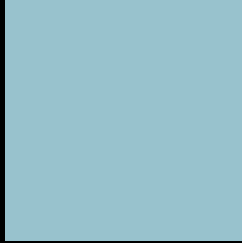
Large Text (above 18pt) WCAG AA × Fail

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 49.6668, 0.2738, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

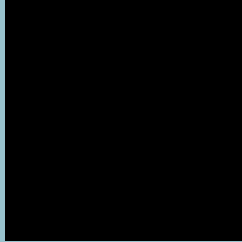
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

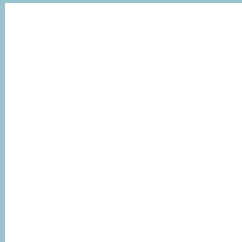
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.6668, 0.2738, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 49.6668, 0.2738, 0.3144.

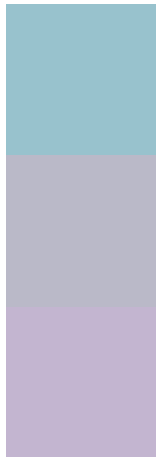


This preview shows how white text looks on a background with the Yxy color 49.6668, 0.2738, 0.3144.

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

49.6668, 0.2738, 0.3144

Protanopia

49.3072, 0.3021, 0.3102

Deuteranopia

49.2039, 0.3035, 0.2962



Tritanopia

49.5157, 0.2719, 0.3079

Trichromacy



Original Color

49.6668, 0.2738, 0.3144

Protanomaly

49.2294, 0.2913, 0.3110

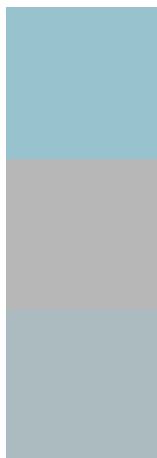
Deuteranomaly

49.2065, 0.2915, 0.3025

Tritanomaly

49.4663, 0.2725, 0.3092

Monochromacy



Original Color

49.6668, 0.2738, 0.3144

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.0729, 0.2976, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6668, 0.2738, 0.3144 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(152, 194, 205)` looks like.

```
.text, #text, p{  
    color:rgb(152, 194, 205)  
}
```

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(152, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 194, 205) }
```

Border

The CSS property to change the border of an element to Yxy 49.6668, 0.2738, 0.3144 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(152, 194, 205) }
```

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

```
.border{ border-color:rgb(152, 194, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(152, 194,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6668, 0.2738, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 194, 205) }
```

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

```
.background{ background-color: rgb(152,  
194, 205) }
```

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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