

Converting Colors

$Y_{xy}(48.3520, 0.2757, 0.3171)$

Have a look what the booklet for
Yxy(48.3520, 0.2757, 0.3171)
contains.

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Color

Yxy(48.4956, 0.2754, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	97C0C9
RGB	151, 192, 201
RGB Percent	59%, 75%, 79%
CMY	0.4081, 0.2470, 0.2118
CMYK	0.25, 0.04, 0.00, 0.21
HSL	191°, 32%, 69%
HSV	191°, 25%, 79%
XYZ	42.1448, 48.4956, 62.3908
YIQ	180.7670, -27.3250, -5.8930

Conversions

Conversions Part 2

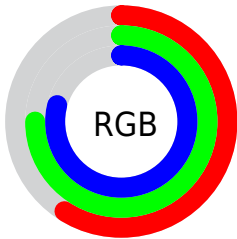
Format	Color
RYB	151, 174, 201
Decimal	9945289
CIELab	75.14, -11.55, -8.99
CIELCh	75, 14.637, 217.874
Yxy	48.4956, 0.2754, 0.3169
Android (android.graphics.Color)	4288135369 (0xFF97C0C9)
YUV	180.7670, 9.9749, -26.1057
Hunter-Lab	69.6388, -13.8412, -4.3720

Details

The Yxy color **48.4956, 0.2754, 0.3169** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7586, 0.3619, 0.3407**, and the grayscale version is **46.0268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4766, 0.2834, 0.3216**, and **23.2245, 0.2658, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **45.1737, 0.2615, 0.3113**, and if you desaturate by 10%, it is **52.1880, 0.2901, 0.3221**.

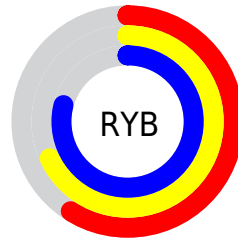
Distribution



Red (59%)

Green (75%)

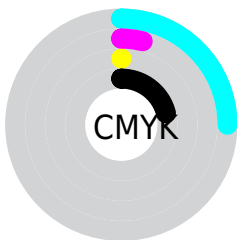
Blue (79%)



Red (59%)

Yellow (68%)

Blue (79%)

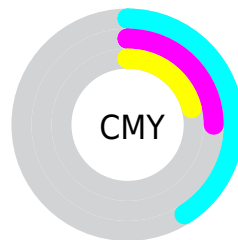


Cyan (25%)

Magenta (4%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (25%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4956, 0.2754, 0.3169 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 48.4956, 0.2754, 0.3169 by changing the saturation by 10% instead.

■ 48.4956, 0.2754,
0.3169

■ 48.4956, 0.2754,
0.3169

■ 380.7532, 0.2937,
0.3232

■ 34.2195, 0.2709,
0.3153

■ 87.9418, 0.2820,
0.3192

■ 23.0623, 0.2653,
0.3132

■ 113.8808, 0.2845,
0.3201

■ 14.6395, 0.2578,
0.3103

■ 144.4762, 0.2866,
0.3208

■ 8.5668, 0.2476,
0.3062

■ 180.1124, 0.2884,
0.3214

■ 4.4597, 0.2329,
0.3000

■ 221.1738, 0.2900,
0.3219

■ 1.9339, 0.2098,
0.2892

■ 268.0448, 0.2914,

■ 0.5686, 0.1229,

0.3224

0.2704

321.1098, 0.2926,
0.3228

0.0000, 0.0000,
0.0000

48.4956, 0.2754,
0.3169

48.4956, 0.2754,
0.3169

45.1737, 0.2615,
0.3113

52.1880, 0.2901,
0.3221

42.1994, 0.2488,
0.3054

56.2606, 0.3052,
0.3268

39.5563, 0.2375,
0.2993

60.7302, 0.3206,
0.3311

37.2243, 0.2278,
0.2929

65.6106, 0.3359,
0.3350

35.1806, 0.2200,
0.2865

70.9151, 0.3510,
0.3385

■ 33.3990, 0.2141,
0.2800

■ 73.3847, 0.3530,
0.3420

■ 31.8474, 0.2101,
0.2736

■ 75.2243, 0.3523,
0.3457

■ 31.1143, 0.2084,
0.2703

■ 77.1045, 0.3515,
0.3493

■ 79.0255, 0.3508,
0.3529

Harmonies

Analogous

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



48.4956, 0.2849, 0.3356



48.4956, 0.2754, 0.3169



48.4956, 0.2755, 0.3024

Triad

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



48.4956, 0.2754, 0.3169



48.4956, 0.3228, 0.3068



48.4956, 0.3403, 0.3636

Complementary

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



48.4956, 0.2754, 0.3169



39.7586, 0.3619, 0.3407

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.



48.4956, 0.3512, 0.3544



48.4956, 0.2754, 0.3169



48.4956, 0.3410, 0.3218

Square

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



48.4956, 0.2754, 0.3169



48.4956, 0.3023, 0.2972



48.4956, 0.3515, 0.3391



48.4956, 0.3221, 0.3633

Rectangle

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



48.4956, 0.2754, 0.3169



48.4956, 0.2810, 0.2969



48.4956, 0.3515, 0.3391



48.4956, 0.3450, 0.3615

Sweetspot

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



48.4976, 0.2754, 0.3169



94.7460, 0.3018, 0.3258



50.8550, 0.3038, 0.3870



20.1860, 0.3009, 0.3255



0.0000, 0.0000, 0.0000



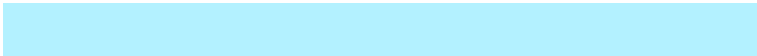
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4976, 0.2754, 0.3169



79.8257, 0.2676, 0.3139



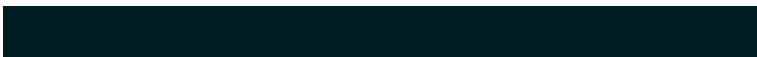
38.6558, 0.2724, 0.2829



11.7317, 0.2984, 0.3248



19.6875, 0.2087, 0.2713



1.0191, 0.2124, 0.2845

Inverse Universe

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



38.3360, 0.3238, 0.2780



59.6683, 0.3268, 0.2664



49.0568, 0.3546, 0.3711



10.7827, 0.3164, 0.3102



9.5275, 0.3716, 0.1821



0.4599, 0.3593, 0.1753

Previews

White Background



This preview shows how the Yxy color 48.4956, 0.2754, 0.3169 looks on a white background.

Color Contrast Check

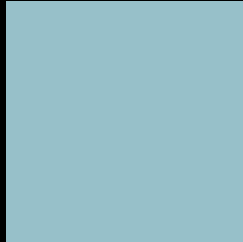
Large Text (above 18pt) WCAG AA × Fail

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 48.4956, 0.2754, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

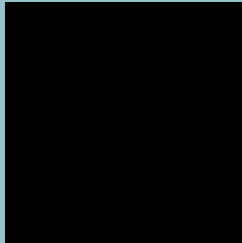
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

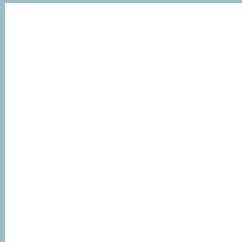
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4956, 0.2754, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 48.4956, 0.2754, 0.3169.



This preview shows how white text looks on a background with the Yxy color 48.4956, 0.2754, 0.3169.

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

48.4956, 0.2754, 0.3169

Protanopia

48.1668, 0.3043, 0.3125

Deuteranopia

48.0692, 0.3057, 0.2983



Tritanopia

48.3932, 0.2728, 0.3090

Trichromacy



Original Color

48.4956, 0.2754, 0.3169

Protanomaly

48.0793, 0.2933, 0.3134

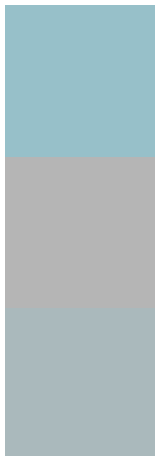
Deuteranomaly

48.0578, 0.2935, 0.3048

Tritanomaly

48.2966, 0.2741, 0.3116

Monochromacy



Original Color

48.4956, 0.2754, 0.3169

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8748, 0.2981, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4956, 0.2754, 0.3169 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(151, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(151, 192, 201)  
}
```

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(151, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 192, 201) }
```

Border

The CSS property to change the border of an element to Yxy 48.4956, 0.2754, 0.3169 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(151, 192, 201) }
```

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

```
.border{ border-color:rgb(151, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(151, 192,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4956, 0.2754, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 192, 201) }
```

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

```
.background{ background-color: rgb(151,  
192, 201) }
```

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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