

Converting Colors

$Yxy(48.8042, 0.2671, 0.3160)$

Have a look what the booklet for
Yxy(48.8042, 0.2671, 0.3160)
contains.

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Color

Yxy(48.6059, 0.2672, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	8DC2CC
RGB	141, 194, 204
RGB Percent	55%, 76%, 80%
CMY	0.4469, 0.2392, 0.2001
CMYK	0.31, 0.05, 0.00, 0.20
HSL	190°, 38%, 68%
HSV	190°, 31%, 80%
XYZ	41.1779, 48.6059, 64.3250
YIQ	179.2930, -34.7980, -8.1260

Conversions

Conversions Part 2

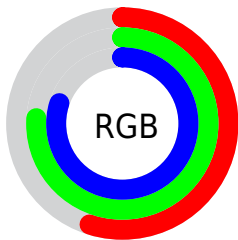
Format	Color
R_{YB}	141, 170, 204
Decimal	9290444
CIE _{Lab}	75.21, -14.79, -10.57
CIE _{LCh}	75, 18.177, 215.542
Yxy	48.6059, 0.2672, 0.3154
Android (android.graphics.Color)	4287480524 (0xFF8DC2CC)
YUV	179.2930, 12.1806, -33.5830
Hunter-Lab	69.7179, -16.5780, -5.9011

Details

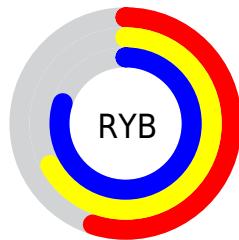
The Yxy color **48.6059, 0.2672, 0.3154** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.8985, 0.3780, 0.3421**, and the grayscale version is **45.1957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9501, 0.2780, 0.3247**, and **23.0329, 0.2547, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **45.5565, 0.2541, 0.3103**, and if you desaturate by 10%, it is **52.0199, 0.2813, 0.3202**.

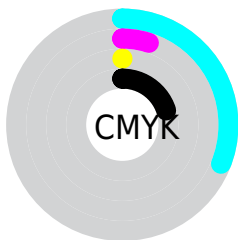
Distribution



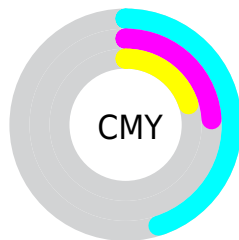
- Red (55%)
- Green (76%)
- Blue (80%)



- Red (55%)
- Yellow (67%)
- Blue (80%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)





- Cyan (45%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6059, 0.2672, 0.3154 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 48.6059, 0.2672, 0.3154 by changing the saturation by 10% instead.


 48.6059, 0.2672,
0.3154


 48.6059, 0.2672,
0.3154


381.1888, 0.2895,
0.3225

 34.3070, 0.2618,
0.3135


 88.1058, 0.2752,
0.3181

 23.1295, 0.2550,
0.3111


 114.0756, 0.2782,
0.3190

 14.6892, 0.2460,
0.3078


144.7045, 0.2808,
0.3198

 8.6015, 0.2339,
0.3030

180.3768, 0.2830,
0.3205

 4.4822, 0.2165,
0.2956

221.4770, 0.2849,
0.3211

 1.9468, 0.1896,
0.2829

268.3895, 0.2866,

 0.5763, 0.0853,

0.3217

0.2634

321.4986, 0.2881,
0.3221

0.0000, 0.0000,
0.0000

48.6059, 0.2672,
0.3154

48.6059, 0.2672,
0.3154

45.5565, 0.2541,
0.3103

52.0199, 0.2813,
0.3202

42.8475, 0.2424,
0.3050

55.8095, 0.2961,
0.3246

40.4609, 0.2323,
0.2994

59.9924, 0.3114,
0.3287

38.3743, 0.2240,
0.2938

64.5836, 0.3268,
0.3323

36.5622, 0.2177,
0.2881

69.5969, 0.3422,
0.3356

■ 34.9944, 0.2132,
0.2825

■ 73.4123, 0.3508,
0.3387

■ 33.7241, 0.2104,
0.2774

■ 75.0600, 0.3502,
0.3420

■ 76.7404, 0.3496,
0.3453

■ 78.4536, 0.3489,
0.3485

Harmonies

Analogous

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



48.6059, 0.2796, 0.3389



48.6059, 0.2672, 0.3154



48.6059, 0.2664, 0.2970

Triad

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



48.6059, 0.2672, 0.3154



48.6059, 0.3232, 0.3004



48.6059, 0.3483, 0.3714

Complementary

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



48.6059, 0.2672, 0.3154



36.8985, 0.3780, 0.3421

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.



48.6059, 0.3611, 0.3589



48.6059, 0.2672, 0.3154



48.6059, 0.3464, 0.3184

Square

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



48.6059, 0.2672, 0.3154



48.6059, 0.2979, 0.2894



48.6059, 0.3605, 0.3395



48.6059, 0.3262, 0.3724

Rectangle

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



48.6059, 0.2672, 0.3154



48.6059, 0.2725, 0.2898



48.6059, 0.3605, 0.3395



48.6059, 0.3539, 0.3683

Sweetspot

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



48.6078, 0.2672, 0.3154



93.6040, 0.2988, 0.3253



51.0599, 0.3024, 0.4050



19.8249, 0.2965, 0.3247



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.



48.6078, 0.2672, 0.3154



77.1032, 0.2584, 0.3121



36.2434, 0.2621, 0.2715



12.4122, 0.2983, 0.3252



21.3443, 0.2106, 0.2782



1.1845, 0.2136, 0.2891

Inverse Universe

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



35.7907, 0.3258, 0.2640



52.9211, 0.3292, 0.2501



48.1945, 0.3664, 0.3804



11.3720, 0.3161, 0.3097



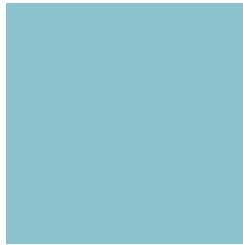
9.9577, 0.3652, 0.1785



0.5221, 0.3551, 0.1730

Previews

White Background



This preview shows how the Yxy color 48.6059, 0.2672, 0.3154 looks on a white background.

Color Contrast Check

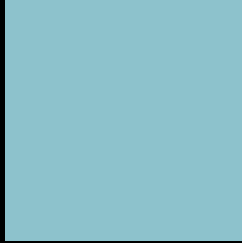
Large Text (above 18pt) WCAG AA × Fail

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 48.6059, 0.2672, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

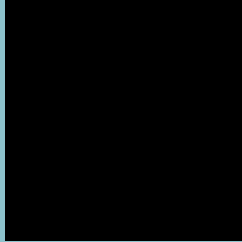
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

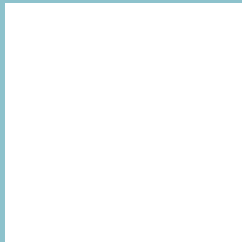
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6059, 0.2672, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 48.6059, 0.2672, 0.3154.



This preview shows how white text looks on a background with the Yxy color 48.6059, 0.2672, 0.3154.

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

48.6059, 0.2672, 0.3154

Protanopia

48.0885, 0.3028, 0.3112

Deuteranopia

48.3540, 0.3018, 0.2958



Tritanopia

48.4942, 0.2646, 0.3075

Trichromacy



Original Color

48.6059, 0.2672, 0.3154

Protanomaly

48.0356, 0.2880, 0.3120

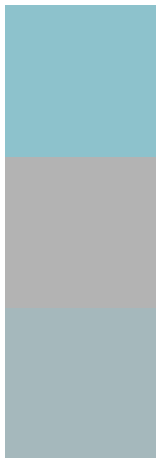
Deuteranomaly

48.0384, 0.2875, 0.3021

Tritanomaly

48.3957, 0.2658, 0.3101

Monochromacy



Original Color

48.6059, 0.2672, 0.3154

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.9112, 0.2941, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6059, 0.2672, 0.3154 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(141, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(141, 194, 204)  
}
```

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(141, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 48.6059, 0.2672, 0.3154 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(141, 194, 204) }
```

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

```
.border{ border-color:rgb(141, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(141, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6059, 0.2672, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 194, 204) }
```

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

```
.background{ background-color: rgb(141,  
194, 204) }
```

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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