

Converting Colors

$Y_{xy}(48.0358, 0.2625, 0.3397)$

Have a look what the booklet for
Yxy(48.0358, 0.2625, 0.3397)
contains.

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Color

Yxy(48.0278, 0.2628, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	77C6BE
RGB	119, 198, 190
RGB Percent	47%, 78%, 75%
CMY	0.5335, 0.2235, 0.2550
CMYK	0.40, 0.00, 0.04, 0.22
HSL	174°, 41%, 62%
HSV	174°, 40%, 78%
XYZ	37.0899, 48.0278, 56.0160
YIQ	173.4670, -44.5160, -19.2360

Conversions

Conversions Part 2

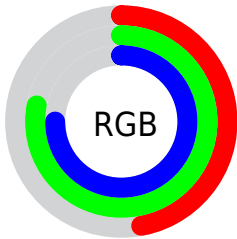
Format	Color
RYB	119, 161, 198
Decimal	7849662
CIELab	74.84, -26.18, -3.63
CIElCh	75, 26.435, 187.895
Yxy	48.0278, 0.2628, 0.3403
Android (android.graphics.Color)	4286039742 (0xFF77C6BE)
YUV	173.4670, 8.1508, -47.7676
Hunter-Lab	69.3021, -25.7469, 0.5881

Details

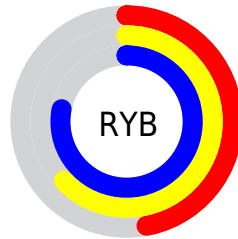
The Yxy color **48.0278, 0.2628, 0.3403** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.7250, 0.4018, 0.3185**, and the grayscale version is **42.0107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2878, 0.2719, 0.3387**, and **22.8426, 0.2491, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **46.6847, 0.2534, 0.3436**, and if you desaturate by 10%, it is **49.6677, 0.2737, 0.3372**.

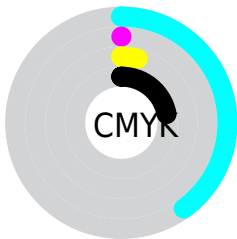
Distribution



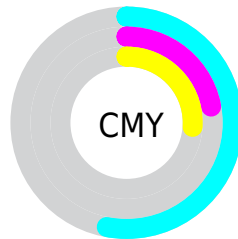
- Red (47%)
- Green (78%)
- Blue (75%)



- Red (47%)
- Yellow (63%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)




- Cyan (53%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0278, 0.2628, 0.3403 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 48.0278, 0.2628, 0.3403 by changing the saturation by 10% instead.

 48.0278, 0.2628,
0.3403

 48.0278, 0.2628,
0.3403


378.9023, 0.2874,
0.3350

 33.8489, 0.2568,
0.3415


 87.2458, 0.2716,
0.3384

 22.7775, 0.2492,
0.3430


 113.0537, 0.2750,
0.3377

 14.4293, 0.2391,
0.3449


 143.5067, 0.2778,
0.3371

 8.4199, 0.2254,
0.3474

178.9892, 0.2803,
0.3366

 4.3648, 0.2056,
0.3506

219.8856, 0.2824,
0.3361

 1.8796, 0.1746,
0.3547

266.5804, 0.2843,

 0.5361, 0.0000,

0.3357

0.3903

319.4578, 0.2859,
0.3353

0.0000, 0.0000,
0.0000

48.0278, 0.2628,
0.3403

48.0278, 0.2628,
0.3403

46.6847, 0.2534,
0.3436

49.6677, 0.2737,
0.3372

45.6145, 0.2458,
0.3470

51.6155, 0.2859,
0.3342

44.7987, 0.2400,
0.3505

53.8884, 0.2990,
0.3315


44.2142, 0.2362,
0.3540


56.5009, 0.3128,
0.3290


43.8336, 0.2342,
0.3575


59.4666, 0.3271,
0.3267


 43.6049, 0.2336,
0.3609

 62.7981, 0.3415,
0.3247

 43.6032, 0.2336,
0.3609

 66.0165, 0.3538,
0.3229

 66.1137, 0.3522,
0.3208

 66.2123, 0.3506,
0.3188

Harmonies

Analogous

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



48.0278, 0.2925, 0.3735



48.0278, 0.2628, 0.3403



48.0278, 0.2466, 0.3058

Triad

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



48.0278, 0.2628, 0.3403



48.0278, 0.2935, 0.2734



48.0278, 0.3826, 0.3733

Complementary

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



48.0278, 0.2628, 0.3403



26.7250, 0.4018, 0.3185

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.



48.0278, 0.3837, 0.3455



48.0278, 0.2628, 0.3403



48.0278, 0.3305, 0.2899

Square

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



48.0278, 0.2628, 0.3403



48.0278, 0.2635, 0.2697



48.0278, 0.3642, 0.3156



48.0278, 0.3620, 0.3917

Rectangle

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



48.0278, 0.2628, 0.3403



48.0278, 0.2449, 0.2876



48.0278, 0.3642, 0.3156



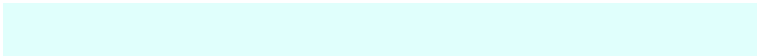
48.0278, 0.3853, 0.3647

Sweetspot

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



48.0297, 0.2628, 0.3403



94.4525, 0.2960, 0.3321



46.3284, 0.3137, 0.4478



20.0991, 0.2942, 0.3324



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.



48.0297, 0.2628, 0.3403



82.9183, 0.2545, 0.3432



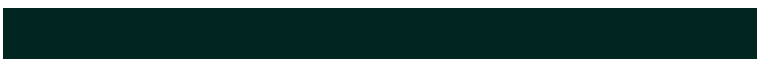
35.8957, 0.2513, 0.2841



12.0483, 0.2997, 0.3313



28.3598, 0.2335, 0.3605



1.3483, 0.2315, 0.3532

Inverse Universe

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



26.7250, 0.4018, 0.3185



39.9714, 0.4330, 0.3165



34.9177, 0.3957, 0.3694



10.6542, 0.3274, 0.3267



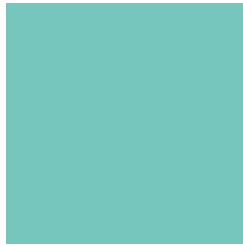
7.8469, 0.6269, 0.3227



0.3776, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 48.0278, 0.2628, 0.3403 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 48.0278, 0.2628, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

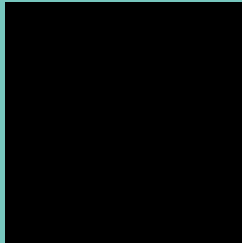
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

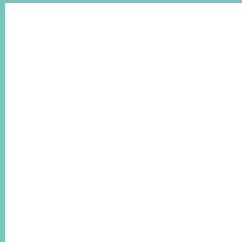
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0278, 0.2628, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 48.0278, 0.2628, 0.3403.

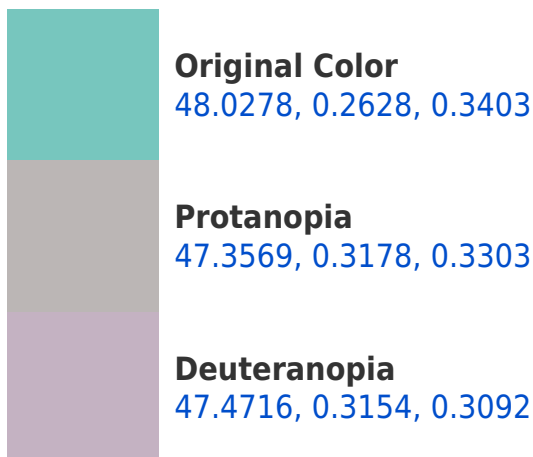


This preview shows how white text looks on a background with the Yxy color 48.0278, 0.2628, 0.3403.

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

48.0184, 0.2531, 0.3070

Trichromacy



Original Color

48.0278, 0.2628, 0.3403

Protanomaly

47.1085, 0.2948, 0.3344

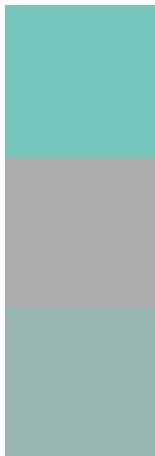
Deuteranomaly

46.8730, 0.2929, 0.3184

Tritanomaly

47.9292, 0.2566, 0.3191

Monochromacy



Original Color

48.0278, 0.2628, 0.3403

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

43.4829, 0.2911, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0278, 0.2628, 0.3403 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(119, 198, 190)` looks like.

```
.text, #text, p{  
    color:rgb(119, 198, 190)  
}
```

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(119, 198, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 198, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.0278, 0.2628, 0.3403 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(119, 198, 190) }
```

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

```
.border{ border-color:rgb(119, 198, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 198, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 198, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 198, 190);  
box-shadow:4px 4px 4px 4px rgb(119, 198,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0278, 0.2628, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 198, 190) }
```

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

```
.background{ background-color: rgb(119,  
198, 190) }
```

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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