

Converting Colors

$Yxy(40.2045, 0.2747, 0.3492)$

Have a look what the booklet for
Yxy(40.2045, 0.2747, 0.3492)
contains.

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Color

Yxy(40.3480, 0.2750, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	79B6A8
RGB	121, 182, 168
RGB Percent	47%, 71%, 66%
CMY	0.5257, 0.2862, 0.3412
CMYK	0.34, 0.00, 0.08, 0.29
HSL	166°, 29%, 59%
HSV	166°, 34%, 71%
XYZ	31.6749, 40.3480, 43.1584
YIQ	162.1650, -31.8620, -17.2860

Conversions

Conversions Part 2

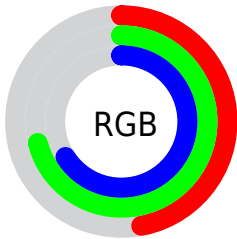
Format	Color
RYB	121, 155, 182
Decimal	7976616
CIELab	69.72, -22.82, 0.87
CIElCh	70, 22.832, 177.809
Yxy	40.3480, 0.2750, 0.3503
Android (android.graphics.Color)	4286166696 (0xFF79B6A8)
YUV	162.1650, 2.8767, -36.1017
Hunter-Lab	63.5201, -22.1495, 4.1797

Details

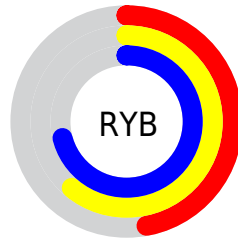
The Yxy color **40.3480, 0.2750, 0.3503** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.3583, 0.3717, 0.3090**, and the grayscale version is **36.2058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5907, 0.2820, 0.3462**, and **18.2267, 0.2638, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **39.0037, 0.2658, 0.3578**, and if you desaturate by 10%, it is **41.9487, 0.2853, 0.3433**.

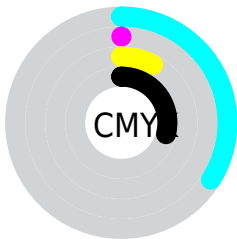
Distribution



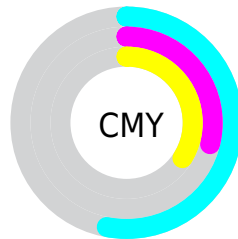
- Red (47%)
- Green (71%)
- Blue (66%)



- Red (47%)
- Yellow (61%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)





- Cyan (53%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3480, 0.2750, 0.3503 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 40.3480, 0.2750, 0.3503 by changing the saturation by 10% instead.


 40.3480, 0.2750,
0.3503


 40.3480, 0.2750,
0.3503


347.5882, 0.2943,
0.3394


 27.8100, 0.2700,
0.3531


 75.6931, 0.2821,
0.3463

 18.1825, 0.2636,
0.3568


 99.2691, 0.2847,
0.3448

 11.0811, 0.2549,
0.3618


 127.2931, 0.2870,
0.3435

 6.1214, 0.2425,
0.3690

160.1495, 0.2889,
0.3424

 2.9190, 0.2233,
0.3801

198.2229, 0.2905,
0.3415

 1.0896, 0.1741,
0.4077

241.8975, 0.2919,

 0.0000, 0.0000,

0.3407

0.0000

291.5578, 0.2932,
0.3400

■ 40.3480, 0.2750,
0.3503

■ 40.3480, 0.2750,
0.3503

■ 39.0037, 0.2658,
0.3578

■ 41.9487, 0.2853,
0.3433

■ 37.8968, 0.2581,
0.3657

■ 43.8137, 0.2966,
0.3368

■ 37.0134, 0.2521,
0.3739


■ 45.9568, 0.3084,
0.3310


■ 36.3364, 0.2479,
0.3822


■ 48.3892, 0.3206,
0.3256

■ 35.8459, 0.2456,
0.3907

■ 51.1217, 0.3329,
0.3209

 35.5181, 0.2453,
0.3991

 54.1643, 0.3452,
0.3167

 35.3611, 0.2457,
0.4045

 57.5267, 0.3573,
0.3130

 58.9588, 0.3593,
0.3090

 59.1588, 0.3557,
0.3047

Harmonies

Analogous

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



40.3480, 0.3052, 0.3773



40.3480, 0.2750, 0.3503



40.3480, 0.2554, 0.3180

Triad

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



40.3480, 0.2750, 0.3503



40.3480, 0.2848, 0.2752



40.3480, 0.3792, 0.3620

Complementary

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



40.3480, 0.2750, 0.3503



25.3583, 0.3717, 0.3090

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.



40.3480, 0.3735, 0.3350



40.3480, 0.2750, 0.3503



40.3480, 0.3175, 0.2867

Square

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



40.3480, 0.2750, 0.3503



40.3480, 0.2608, 0.2763



40.3480, 0.3505, 0.3081



40.3480, 0.3660, 0.3823

Rectangle

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



40.3480, 0.2750, 0.3503



40.3480, 0.2503, 0.2990



40.3480, 0.3505, 0.3081



40.3480, 0.3794, 0.3534

Sweetspot

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



40.3496, 0.2750, 0.3503



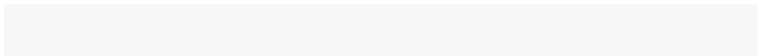
80.6759, 0.3005, 0.3348



40.0082, 0.3199, 0.4237



17.7023, 0.2989, 0.3356



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.3496, 0.2750, 0.3503



71.3567, 0.2683, 0.3556



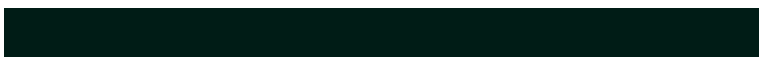
34.6139, 0.2626, 0.3039



10.1744, 0.3015, 0.3343



24.9780, 0.2454, 0.4035



0.8893, 0.2394, 0.3819

Inverse Universe

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



25.3583, 0.3717, 0.3090



40.1459, 0.3901, 0.3047



29.2842, 0.3819, 0.3526



9.0451, 0.3253, 0.3238



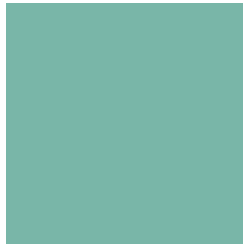
7.1488, 0.5962, 0.3058



0.2617, 0.5231, 0.2655

Previews

White Background



This preview shows how the Yxy color 40.3480, 0.2750, 0.3503 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 40.3480, 0.2750, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

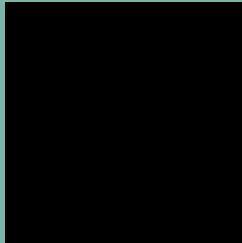
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

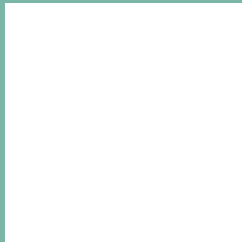
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3480, 0.2750, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 40.3480, 0.2750, 0.3503.



This preview shows how white text looks on a background with the Yxy color 40.3480, 0.2750, 0.3503.

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

40.3480, 0.2750, 0.3503

Protanopia

40.0631, 0.3251, 0.3401

Deuteranopia

39.8438, 0.3255, 0.3184



Tritanopia

40.2031, 0.2620, 0.3071

Trichromacy



Original Color

40.3480, 0.2750, 0.3503

Protanomaly

39.9210, 0.3042, 0.3434

Deuteranomaly

39.7475, 0.3047, 0.3290

Tritanomaly

40.0609, 0.2666, 0.3215

Monochromacy



Original Color

40.3480, 0.2750, 0.3503

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.2593, 0.2972, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3480, 0.2750, 0.3503 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(121, 182, 168)` looks like.

```
.text, #text, p{  
    color:rgb(121, 182, 168)  
}
```

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(121, 182, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 182, 168) }
```

Border

The CSS property to change the border of an element to Yxy 40.3480, 0.2750, 0.3503 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(121, 182, 168) }
```

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

```
.border{ border-color:rgb(121, 182, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 182, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 182, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 182, 168);  
box-shadow:4px 4px 4px 4px rgb(121, 182,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3480, 0.2750, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 182, 168) }
```

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

```
.background{ background-color: rgb(121,  
182, 168) }
```

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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