

Converting Colors

$Y_{xy}(10.1083, 0.3383, 0.2573)$

Have a look what the booklet for
Yxy(10.1083, 0.3383, 0.2573)
contains.

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Color

Yxy(10.0285, 0.3370, 0.2556)

Conversions

Conversions Part 1

Format	Color
Hex	7A496E
RGB	122, 73, 110
RGB Percent	48%, 29%, 43%
CMY	0.5216, 0.7137, 0.5687
CMYK	0.00, 0.40, 0.10, 0.52
HSL	315°, 25%, 38%
HSV	315°, 40%, 48%
XYZ	13.2222, 10.0285, 15.9844
YIQ	91.8690, 17.3270, 21.8950

Conversions

Conversions Part 2

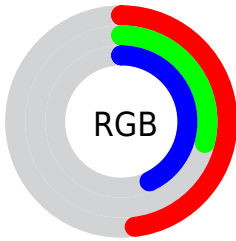
Format	Color
R_{YB}	122, 73, 110
Decimal	8014190
CIE _{Lab}	37.89, 26.78, -12.59
CIE _{LCh}	38, 29.586, 334.824
Yxy	10.0285, 0.3370, 0.2556
Android (android.graphics.Color)	4286204270 (0xFF7A496E)
YUV	91.8690, 8.9386, 26.4249
Hunter-Lab	31.6678, 19.1103, -7.7593

Details

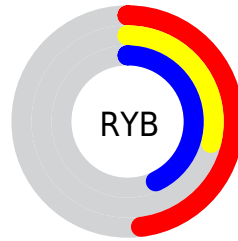
The Yxy color **10.0285, 0.3370, 0.2556** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **15.9926, 0.2953, 0.4161**, and the grayscale version is **10.6472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.8885, 0.3303, 0.2734**, and **2.5094, 0.3488, 0.2225** is the 20% darker color. If you saturate the color by 10%, you get **8.5158, 0.3451, 0.2382**, and if you desaturate by 10%, it is **11.8589, 0.3297, 0.2740**.

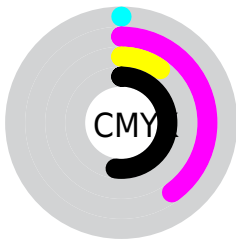
Distribution



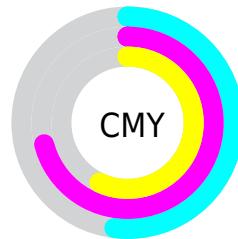
- Red (48%)
- Green (29%)
- Blue (43%)



- Red (48%)
- Yellow (29%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (52%)





- Cyan (52%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0285, 0.3370, 0.2556 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 10.0285, 0.3370, 0.2556 by changing the saturation by 10% instead.


 10.0285, 0.3370,
0.2556

 10.0285, 0.3370,
0.2556


190.8754, 0.3228,
0.2992


 5.4179, 0.3414,
0.2415


 25.8491, 0.3313,
0.2736


 2.4945, 0.3477,
0.2208

 37.8278, 0.3293,
0.2796

 0.8739, 0.3571,
0.1878

 53.0314, 0.3277,
0.2845

 0.0000, 0.4083,
0.0000

 71.8442, 0.3264,
0.2885

 0.0000, 0.0000,
0.0000

 94.6506, 0.3253,
0.2918

121.8350, 0.3244,

0.2947

153.7818, 0.3235,
0.2971

■ 10.0285, 0.3370,
0.2556

■ 10.0285, 0.3370,
0.2556

■ 8.5158, 0.3451,
0.2382

■ 11.8589, 0.3297,
0.2740

■ 7.3008, 0.3539,
0.2226

■ 14.0226, 0.3233,
0.2927

■ 6.3637, 0.3632,
0.2097


■ 16.5359, 0.3176,
0.3110


■ 5.6814, 0.3727,
0.2005

■ 19.4135, 0.3128,
0.3287


■ 5.2272, 0.3822,
0.1954

■ 22.6693, 0.3086,
0.3455

 4.9115, 0.3916,
0.1931

 26.3165, 0.3051,
0.3612

 30.3677, 0.3021,
0.3758

 34.8348, 0.2996,
0.3893

 39.7295, 0.2975,
0.4017

Harmonies

Analogous

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



10.0285, 0.2692, 0.2294



10.0285, 0.3370, 0.2556



10.0285, 0.4044, 0.2973

Triad

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



10.0285, 0.3370, 0.2556



10.0285, 0.4060, 0.4412



10.0285, 0.1961, 0.2874

Complementary

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



10.0285, 0.3370, 0.2556



15.9926, 0.2953, 0.4161

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.



10.0285, 0.2250, 0.3557



10.0285, 0.3370, 0.2556



10.0285, 0.3450, 0.4553

Square

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



10.0285, 0.3370, 0.2556



10.0285, 0.4443, 0.3990



10.0285, 0.2787, 0.4234



10.0285, 0.1946, 0.2420

Rectangle

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



10.0285, 0.3370, 0.2556



10.0285, 0.4359, 0.3303



10.0285, 0.2787, 0.4234



10.0285, 0.2027, 0.3083

Sweetspot

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



10.0290, 0.3370, 0.2556



28.0962, 0.3188, 0.3072



8.0762, 0.2583, 0.2175



6.3231, 0.3193, 0.3054



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



10.0290, 0.3370, 0.2556



15.2239, 0.3442, 0.2399



9.5767, 0.3815, 0.3021



4.0615, 0.3171, 0.3130



5.1695, 0.3918, 0.1932



24.5192, 0.3963, 0.1957

Inverse Universe

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



10.0290, 0.3370, 0.2556



15.2239, 0.3442, 0.2399



16.4390, 0.2717, 0.3584



4.0615, 0.3171, 0.3130



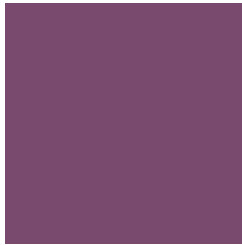
5.1695, 0.3918, 0.1932



24.5192, 0.3963, 0.1957

Previews

White Background



This preview shows how the Yxy color 10.0285, 0.3370, 0.2556 looks on a white background.

Color Contrast Check

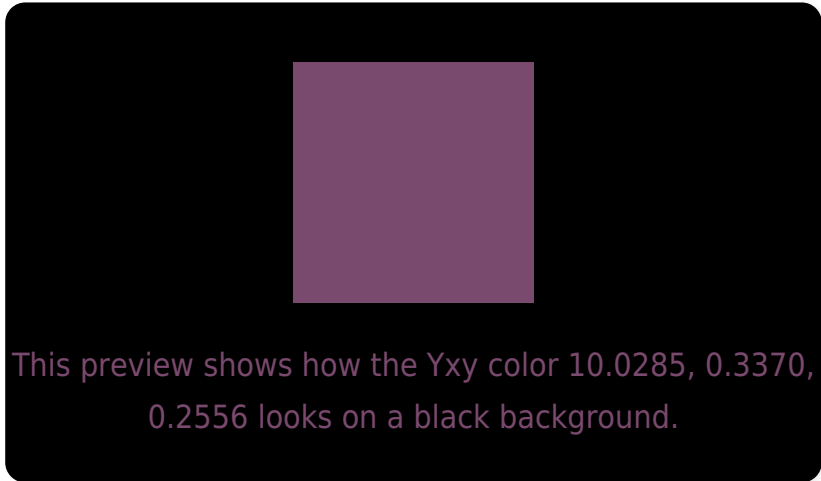
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

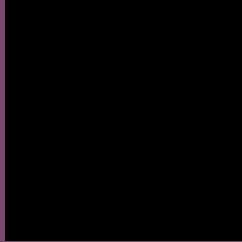
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0285, 0.3370, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 10.0285, 0.3370, 0.2556.



This preview shows how white text looks on a background with the Yxy color 10.0285, 0.3370, 0.2556.

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

10.0285, 0.3370, 0.2556

Protanopia

10.0654, 0.2575, 0.2529

Deuteranopia

10.2146, 0.2885, 0.2844



Tritanopia

10.0108, 0.3772, 0.3165

Trichromacy



Original Color

10.0285, 0.3370, 0.2556

Protanomaly

9.9038, 0.2820, 0.2534

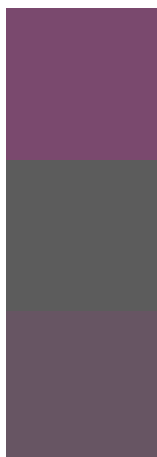
Deuteranomaly

10.0940, 0.3056, 0.2734

Tritanomaly

9.9523, 0.3632, 0.2937

Monochromacy



Original Color

10.0285, 0.3370, 0.2556

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.2814, 0.3208, 0.2973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0285, 0.3370, 0.2556 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(122, 73, 110)` looks like.

```
.text, #text, p{  
    color:rgb(122, 73, 110)  
}
```

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(122, 73, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 73, 110) }
```

Border

The CSS property to change the border of an element to Yxy 10.0285, 0.3370, 0.2556 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(122, 73, 110) }
```

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

```
.border{ border-color:rgb(122, 73, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 73, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 73, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 73, 110);  
box-shadow:4px 4px 4px 4px rgb(122, 73,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0285, 0.3370, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 73, 110) }
```

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

```
.background{ background-color: rgb(122, 73,  
110) }
```

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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