

Converting Colors

$Y_{xy}(20.0959, 0.3660, 0.3751)$

Have a look what the booklet for
Yxy(20.0959, 0.3660, 0.3751)
contains.

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Color

$Yxy(20.0082, 0.3663, 0.3740)$

Conversions

Conversions Part 1

Format	Color
Hex	8B7960
RGB	139, 121, 96
RGB Percent	55%, 47%, 38%
CMY	0.4549, 0.5255, 0.6236
CMYK	0.00, 0.13, 0.31, 0.45
HSL	35°, 18%, 46%
HSV	35°, 31%, 55%
XYZ	19.5963, 20.0082, 13.8934
YIQ	123.5320, 18.7530, -3.9590

Conversions

Conversions Part 2

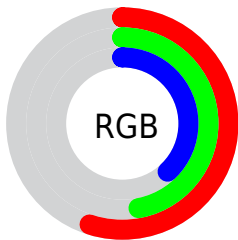
Format	Color
RYB	127, 139, 96
Decimal	9140576
CIELab	51.85, 2.94, 16.29
CIELCh	52, 16.551, 79.773
Yxy	20.0082, 0.3663, 0.3740
Android (android.graphics.Color)	4287330656 (0xFF8B7960)
YUV	123.5320, -13.5733, 13.5654
Hunter-Lab	44.7305, -0.0783, 12.8958

Details

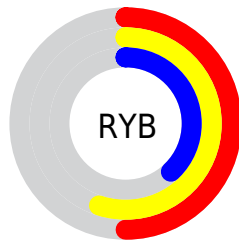
The Yxy color **20.0082, 0.3663, 0.3740** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3837, 0.2643, 0.2793**, and the grayscale version is **20.0339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3312, 0.3538, 0.3633**, and **7.0701, 0.3865, 0.3913** is the 20% darker color. If you saturate the color by 10%, you get **18.4037, 0.3873, 0.3889**, and if you desaturate by 10%, it is **21.7451, 0.3470, 0.3590**.

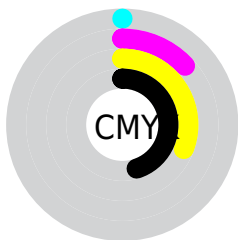
Distribution



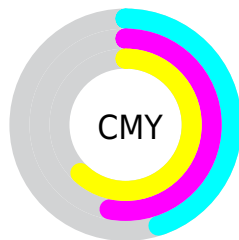
- Red (55%)
- Green (47%)
- Blue (38%)



- Red (50%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0082, 0.3663, 0.3740 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 20.0082, 0.3663, 0.3740 by changing the saturation by 10% instead.


 20.0082, 0.3663,
0.3740


 20.0082, 0.3663,
0.3740


251.9595, 0.3358,
0.3487


 12.4010, 0.3754,
0.3814


 43.4309, 0.3542,
0.3641


 7.0174, 0.3882,
0.3915

 60.0153, 0.3499,
0.3606

 3.4730, 0.4072,
0.4060

 80.3607, 0.3465,
0.3577

 1.3834, 0.4581,
0.4482

 104.8518, 0.3436,
0.3553

 0.2044, 0.5655,
0.4345

133.8728, 0.3412,
0.3533

 0.0000, 0.0000,
0.0000

167.8082, 0.3391,

0.3515

207.0423, 0.3373,
0.3500

■ 20.0082, 0.3663,
0.3740

■ 20.0082, 0.3663,
0.3740

■ 18.4037, 0.3873,
0.3889

■ 21.7451, 0.3470,
0.3590

■ 16.9249, 0.4097,
0.4031

■ 23.6154, 0.3296,
0.3443

■ 15.5687, 0.4330,
0.4155

■ 25.6233, 0.3141,
0.3303

■ 14.3306, 0.4563,
0.4251

■ 27.7723, 0.3003,
0.3171

■ 13.2057, 0.4783,
0.4309

■ 30.0655, 0.2881,
0.3049

■ 12.1885, 0.4980,
0.4319

■ 32.5061, 0.2773,
0.2936

■ 11.3487, 0.5143,
0.4299

■ 35.0968, 0.2677,
0.2832

■ 37.8407, 0.2593,
0.2737

■ 40.7405, 0.2518,
0.2650

Harmonies

Analogous

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



20.0082, 0.3739, 0.3532



20.0082, 0.3663, 0.3740



20.0082, 0.3442, 0.3837

Triad

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



20.0082, 0.3663, 0.3740



20.0082, 0.2636, 0.3269



20.0082, 0.3088, 0.2862

Complementary

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



20.0082, 0.3663, 0.3740



16.3837, 0.2643, 0.2793

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.



20.0082, 0.2802, 0.2785



20.0082, 0.3663, 0.3740



20.0082, 0.2552, 0.3002

Square

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



20.0082, 0.3663, 0.3740



20.0082, 0.2849, 0.3560



20.0082, 0.2611, 0.2831



20.0082, 0.3398, 0.3038

Rectangle

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



20.0082, 0.3663, 0.3740



20.0082, 0.3246, 0.3814



20.0082, 0.2611, 0.2831



20.0082, 0.2986, 0.2824

Sweetspot

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



20.0091, 0.3663, 0.3740



42.8988, 0.3268, 0.3418



15.0830, 0.3506, 0.2954



9.7794, 0.3289, 0.3437



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



20.0091, 0.3663, 0.3740



33.8332, 0.3805, 0.3843



24.5564, 0.3543, 0.4042



5.4999, 0.3267, 0.3417



10.2765, 0.5138, 0.4303



0.0973, 0.4638, 0.4699

Inverse Universe

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



16.3837, 0.2643, 0.2793



26.2948, 0.2529, 0.2662



12.8733, 0.2635, 0.2428



5.2138, 0.2991, 0.3160



4.4621, 0.1713, 0.1366



0.0575, 0.1940, 0.2183

Previews

White Background



This preview shows how the Yxy color 20.0082, 0.3663, 0.3740 looks on a white 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

Black Background



This preview shows how the Yxy color 20.0082, 0.3663, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

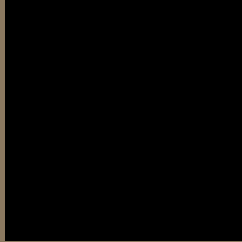
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0082, 0.3663, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 20.0082, 0.3663, 0.3740.



This preview shows how white text looks on a background with the Yxy color 20.0082, 0.3663, 0.3740.

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

20.0082, 0.3663, 0.3740

Protanopia

20.1839, 0.3544, 0.3789

Deuteranopia

20.0579, 0.3754, 0.3693



Tritanopia

19.9797, 0.3339, 0.3135

Trichromacy



Original Color

20.0082, 0.3663, 0.3740

Protanomaly

20.1799, 0.3588, 0.3765

Deuteranomaly

20.1171, 0.3721, 0.3714

Tritanomaly

19.8574, 0.3462, 0.3344

Monochromacy



Original Color

20.0082, 0.3663, 0.3740

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.0479, 0.3306, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0082, 0.3663, 0.3740 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(139, 121, 96)` looks like.

```
.text, #text, p{  
    color:rgb(139, 121, 96)  
}
```

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(139, 121, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 121, 96) }
```

Border

The CSS property to change the border of an element to Yxy 20.0082, 0.3663, 0.3740 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(139, 121, 96) }
```

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

```
.border{ border-color:rgb(139, 121, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 121, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 121, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 121, 96);  
box-shadow:4px 4px 4px 4px rgb(139, 121,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0082, 0.3663, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 121, 96) }
```

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

```
.background{ background-color: rgb(139,  
121, 96) }
```

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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