

Converting Colors

$Y_{xy}(19.7040, 0.3662, 0.3371)$

Have a look what the booklet for
Yxy(19.7040, 0.3662, 0.3371)
contains.

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Color

Yxy(19.6444, 0.3662, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	96726E
RGB	150, 114, 110
RGB Percent	59%, 45%, 43%
CMY	0.4117, 0.5529, 0.5687
CMYK	0.00, 0.24, 0.27, 0.41
HSL	6°, 16%, 51%
HSV	6°, 27%, 59%
XYZ	21.4101, 19.6444, 17.4110
YIQ	124.3080, 22.7400, 6.3880

Conversions

Conversions Part 2

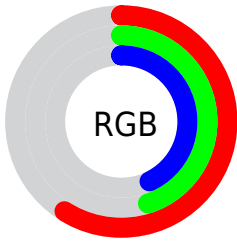
Format	Color
R_{YB}	150, 114, 110
Decimal	9859694
CIE _{Lab}	51.43, 13.57, 7.71
CIE _{LCh}	51, 15.604, 29.602
Yxy	19.6444, 0.3662, 0.3360
Android (android.graphics.Color)	4288049774 (0xFF96726E)
YUV	124.3080, -7.0538, 22.5319
Hunter-Lab	44.3220, 8.6622, 7.7345

Details

The Yxy color **19.6444, 0.3662, 0.3360** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0725, 0.2742, 0.3219**, and the grayscale version is **20.2827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8602, 0.3535, 0.3342**, and **6.8409, 0.3896, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **16.5224, 0.3947, 0.3388**, and if you desaturate by 10%, it is **23.2728, 0.3427, 0.3333**.

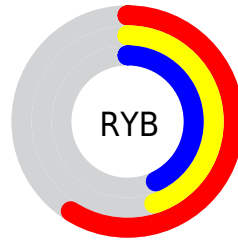
Distribution



Red (59%)

Green (45%)

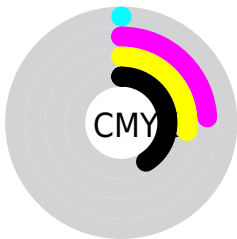
Blue (43%)



Red (59%)

Yellow (45%)

Blue (43%)

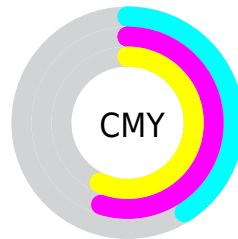


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (41%)



Cyan (41%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.6444, 0.3662, 0.3360 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 19.6444, 0.3662, 0.3360 by changing the saturation by 10% instead.


 19.6444, 0.3662,
0.3360


 19.6444, 0.3662,
0.3360


249.9835, 0.3354,
0.3325


 12.1368, 0.3757,
0.3368


 42.8202, 0.3538,
0.3348


 6.8369, 0.3892,
0.3377


 59.2572, 0.3495,
0.3343

 3.3603, 0.4099,
0.3385

 79.4394, 0.3461,
0.3339

 1.3226, 0.4461,
0.3389

 103.7514, 0.3432,
0.3335

 0.1586, 0.7524,
0.2476

132.5773, 0.3408,
0.3332

 0.0000, 0.0000,
0.0000

166.3017, 0.3387,

0.3330

205.3090, 0.3369,
0.3327

■ 19.6444, 0.3662,
0.3360

■ 19.6444, 0.3662,
0.3360

■ 16.5224, 0.3947,
0.3388

■ 23.2728, 0.3427,
0.3333

■ 13.8817, 0.4288,
0.3414

■ 27.4259, 0.3235,
0.3306

■ 11.6991, 0.4682,
0.3434


■ 32.1243, 0.3079,
0.3282

■ 9.9485, 0.5115,
0.3445


■ 37.3868, 0.2950,
0.3260

■ 8.6011, 0.5552,
0.3441


■ 43.2314, 0.2845,
0.3240


 7.6244, 0.5939,
0.3418


 49.6751, 0.2758,
0.3222

 6.9797, 0.6225,
0.3381

 56.7342, 0.2685,
0.3206

 6.8279, 0.6305,
0.3376

 64.4246, 0.2624,
0.3191

 72.7613, 0.2572,
0.3178

Harmonies

Analogous

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



19.6444, 0.3471, 0.3121



19.6444, 0.3662, 0.3360



19.6444, 0.3701, 0.3593

Triad

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



19.6444, 0.3662, 0.3360



19.6444, 0.3047, 0.3695



19.6444, 0.2683, 0.2826

Complementary

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



19.6444, 0.3662, 0.3360



26.0725, 0.2742, 0.3219

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.



19.6444, 0.2583, 0.2952



19.6444, 0.3662, 0.3360



19.6444, 0.2786, 0.3459

Square

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



19.6444, 0.3662, 0.3360



19.6444, 0.3338, 0.3806



19.6444, 0.2620, 0.3181



19.6444, 0.2901, 0.2821

Rectangle

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



19.6444, 0.3662, 0.3360



19.6444, 0.3637, 0.3717



19.6444, 0.2620, 0.3181



19.6444, 0.2636, 0.2855

Sweetspot

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



19.6453, 0.3662, 0.3360



47.2516, 0.3261, 0.3310



19.7094, 0.3205, 0.2706



10.2368, 0.3286, 0.3314



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



19.6453, 0.3662, 0.3360



31.2813, 0.3825, 0.3377



24.6607, 0.3579, 0.3690



5.9035, 0.3280, 0.3313



5.6868, 0.6297, 0.3382



0.0880, 0.5868, 0.3722

Inverse Universe

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



26.0725, 0.2742, 0.3219



44.5610, 0.2664, 0.3201



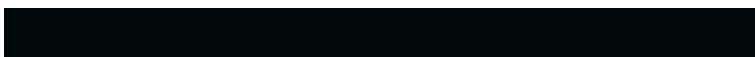
20.4370, 0.2708, 0.2854



6.4639, 0.2990, 0.3267



16.2133, 0.2161, 0.2980



0.2216, 0.2207, 0.3145

Previews

White Background



This preview shows how the Yxy color 19.6444, 0.3662, 0.3360 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 19.6444, 0.3662, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

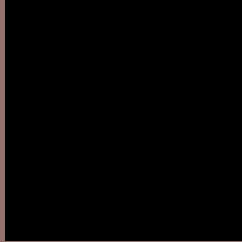
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6444, 0.3662, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 19.6444, 0.3662, 0.3360.



This preview shows how white text looks on a background with the Yxy color 19.6444, 0.3662, 0.3360.

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

19.6444, 0.3662, 0.3360

Protanopia

19.6460, 0.3282, 0.3440

Deuteranopia

19.6364, 0.3525, 0.3452



Tritanopia

19.5481, 0.3535, 0.3140

Trichromacy



Original Color

19.6444, 0.3662, 0.3360

Protanomaly

19.5368, 0.3405, 0.3400

Deuteranomaly

19.7560, 0.3582, 0.3431

Tritanomaly

19.6739, 0.3585, 0.3224

Monochromacy



Original Color

19.6444, 0.3662, 0.3360

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.7514, 0.3303, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6444, 0.3662, 0.3360 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(150, 114, 110)` looks like.

```
.text, #text, p{  
    color:rgb(150, 114, 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(150, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 114, 110) }
```

Border

The CSS property to change the border of an element to Yxy 19.6444, 0.3662, 0.3360 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(150, 114, 110) }
```

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

```
.border{ border-color:rgb(150, 114, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 114, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 114, 110);  
box-shadow:4px 4px 4px 4px rgb(150, 114,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6444, 0.3662, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 114, 110) }
```

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

```
.background{ background-color: rgb(150,  
114, 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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