

Converting Colors

$Yxy(19.4883, 0.3667, 0.4083)$

Have a look what the booklet for
Yxy(19.4883, 0.3667, 0.4083)
contains.

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Color

Yxy(19.6137, 0.3667, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	807C52
RGB	128, 124, 82
RGB Percent	50%, 49%, 32%
CMY	0.4980, 0.5137, 0.6784
CMYK	0.00, 0.03, 0.36, 0.50
HSL	55°, 22%, 41%
HSV	55°, 36%, 50%
XYZ	17.6326, 19.6137, 10.8383
YIQ	120.4080, 15.8660, -12.2140

Conversions

Conversions Part 2

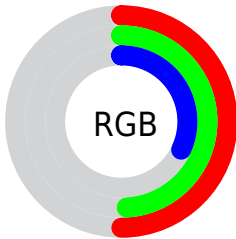
Format	Color
RYB	86, 128, 82
Decimal	8420434
CIELab	51.40, -5.34, 23.51
CIElCh	51, 24.113, 102.800
Yxy	19.6137, 0.3667, 0.4079
Android (android.graphics.Color)	4286610514 (0xFF807C52)
YUV	120.4080, -18.9351, 6.6582
Hunter-Lab	44.2874, -6.4347, 16.4914

Details

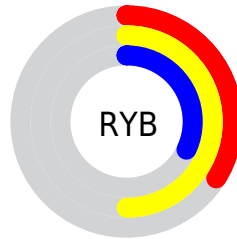
The Yxy color $19.6137, 0.3667, 0.4079$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $10.0068, 0.2518, 0.2355$, and the grayscale version is $18.9784, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.6617, 0.3555, 0.3891$, and $6.7792, 0.3876, 0.4397$ is the 20% darker color. If you saturate the color by 10%, you get $19.1604, 0.3817, 0.4289$, and if you desaturate by 10%, it is $20.1083, 0.3513, 0.3859$.

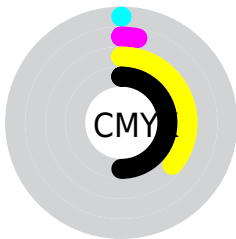
Distribution



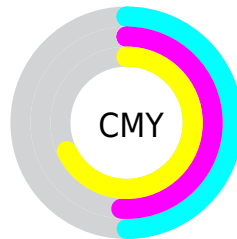
- Red (50%)
- Green (49%)
- Blue (32%)



- Red (34%)
- Yellow (50%)
- Blue (32%)



- Cyan (0%)
- Magenta (3%)
- Yellow (36%)
- Black (50%)





- Cyan (50%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6137, 0.3667, 0.4079 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 19.6137, 0.3667, 0.4079 by changing the saturation by 10% instead.


 19.6137, 0.3667,
0.4079


 19.6137, 0.3667,
0.4079


249.8161, 0.3366,
0.3626


 12.1146, 0.3752,
0.4215


 42.7686, 0.3550,
0.3898


 6.8217, 0.3865,
0.4403

 59.1931, 0.3508,
0.3836

 3.3509, 0.4018,
0.4677

 79.3615, 0.3474,
0.3784

 1.3175, 0.4527,
0.5473

 103.6582, 0.3445,
0.3742

 0.1547, 0.0972,
0.9028

 132.4677, 0.3421,
0.3706

 0.0000, 0.0000,
0.0000

166.1742, 0.3400,

0.3676

205.1622, 0.3382,
0.3649

■ 19.6137, 0.3667,
0.4079

■ 19.6137, 0.3667,
0.4079

■ 19.1604, 0.3817,
0.4289

■ 20.1083, 0.3513,
0.3859

■ 18.7437, 0.3958,
0.4480

■ 20.6434, 0.3360,
0.3636

■ 18.3622, 0.4083,
0.4643

■ 21.2216, 0.3212,
0.3417

■ 18.0134, 0.4188,
0.4772

■ 21.8445, 0.3071,
0.3205

■ 17.6945, 0.4269,
0.4860

■ 22.5139, 0.2939,
0.3006

■ 17.4006, 0.4327,
0.4911

■ 23.2310, 0.2817,
0.2819

■ 17.2839, 0.4349,
0.4929

■ 23.9973, 0.2705,
0.2646

■ 24.8142, 0.2603,
0.2487

■ 25.6829, 0.2510,
0.2342

Harmonies

Analogous

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



19.6137, 0.3957, 0.3871



19.6137, 0.3667, 0.4079



19.6137, 0.3244, 0.4062

Triad

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



19.6137, 0.3667, 0.4079



19.6137, 0.2312, 0.2937



19.6137, 0.3417, 0.2860

Complementary

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



19.6137, 0.3667, 0.4079



10.0068, 0.2518, 0.2355

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.



19.6137, 0.2959, 0.2641



19.6137, 0.3667, 0.4079



19.6137, 0.2349, 0.2663

Square

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



19.6137, 0.3667, 0.4079



19.6137, 0.2473, 0.3351



19.6137, 0.2576, 0.2566



19.6137, 0.3816, 0.3179

Rectangle

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



19.6137, 0.3667, 0.4079



19.6137, 0.2947, 0.3902



19.6137, 0.2576, 0.2566



19.6137, 0.3264, 0.2773

Sweetspot

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



19.6146, 0.3667, 0.4079



36.8133, 0.3290, 0.3532



11.3049, 0.3857, 0.3200



8.5927, 0.3306, 0.3557



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.6146, 0.3667, 0.4079



33.8855, 0.3788, 0.4249



19.3369, 0.3407, 0.4217



4.9576, 0.3258, 0.3485



17.1392, 0.4349, 0.4929



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.0068, 0.2518, 0.2355



14.3923, 0.2360, 0.2103



10.3247, 0.2756, 0.2330



4.2672, 0.2993, 0.3087



1.7865, 0.1523, 0.0683



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.6137, 0.3667, 0.4079 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 19.6137, 0.3667, 0.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

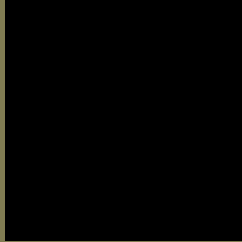
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6137, 0.3667, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 19.6137, 0.3667, 0.4079.



This preview shows how white text looks on a background with the Yxy color 19.6137, 0.3667, 0.4079.

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

19.6137, 0.3667, 0.4079

Protanopia

19.4997, 0.3758, 0.4045

Deuteranopia

19.4581, 0.3945, 0.3881



Tritanopia

19.5019, 0.3198, 0.3111

Trichromacy



Original Color

19.6137, 0.3667, 0.4079

Protanomaly

19.5853, 0.3725, 0.4069

Deuteranomaly

19.5464, 0.3829, 0.3954

Tritanomaly

19.4059, 0.3375, 0.3457

Monochromacy



Original Color

19.6137, 0.3667, 0.4079

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.9263, 0.3329, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6137, 0.3667, 0.4079 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(128, 124, 82)` looks like.

```
.text, #text, p{  
    color:rgb(128, 124, 82)  
}
```

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(128, 124, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 124, 82) }
```

Border

The CSS property to change the border of an element to Yxy 19.6137, 0.3667, 0.4079 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(128, 124, 82) }
```

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

```
.border{ border-color:rgb(128, 124, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 124, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 124, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 124, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 124,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6137, 0.3667, 0.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 124, 82) }
```

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

```
.background{ background-color: rgb(128,  
124, 82) }
```

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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