

Converting Colors

$Y_{xy}(19.2686, 0.4113, 0.4140)$

Have a look what the booklet for
Yxy(19.2686, 0.4113, 0.4140)
contains.

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Color

Yxy(19.1597, 0.4112, 0.4129)

Conversions

Conversions Part 1

Format	Color
Hex	917544
RGB	145, 117, 68
RGB Percent	57%, 46%, 27%
CMY	0.4314, 0.5411, 0.7333
CMYK	0.00, 0.19, 0.53, 0.43
HSL	38°, 36%, 42%
HSV	38°, 53%, 57%
XYZ	19.0808, 19.1597, 8.1622
YIQ	119.7860, 32.4170, -9.3030

Conversions

Conversions Part 2

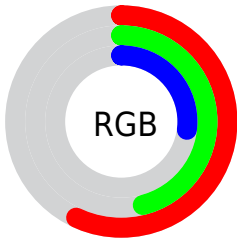
Format	Color
R _Y B	112, 145, 68
Decimal	9532740
CIE Lab	50.87, 4.52, 30.97
CIE LCh	51, 31.298, 81.697
Yxy	19.1597, 0.4112, 0.4129
Android (android.graphics.Color)	4287722820 (0xFF917544)
YUV	119.7860, -25.5305, 22.1127
Hunter-Lab	43.7718, 1.2103, 19.5843

Details

The Yxy color **19.1597, 0.4112, 0.4129** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.6375, 0.2257, 0.2250**, and the grayscale version is **18.7862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0778, 0.3902, 0.3957**, and **6.5895, 0.4471, 0.4406** is the 20% darker color. If you saturate the color by 10%, you get **17.8110, 0.4327, 0.4259**, and if you desaturate by 10%, it is **20.6232, 0.3899, 0.3979**.

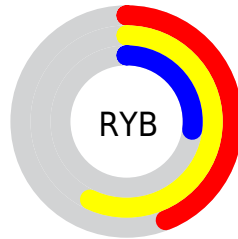
Distribution



Red (57%)

Green (46%)

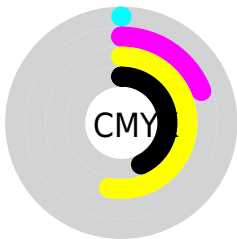
Blue (27%)



Red (44%)

Yellow (57%)

Blue (27%)

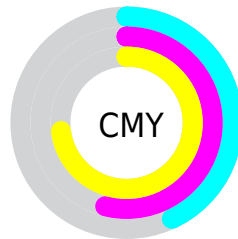


Cyan (0%)

Magenta (19%)

Yellow (53%)

Black (43%)



Cyan (43%)


Magenta (54%)


Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1597, 0.4112, 0.4129 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 19.1597, 0.4112, 0.4129 by changing the saturation by 10% instead.


 19.1597, 0.4112,
0.4129


 19.1597, 0.4112,
0.4129


247.3290, 0.3558,
0.3669


 11.7857, 0.4267,
0.4250


 42.0038, 0.3896,
0.3955

 6.5979, 0.4472,
0.4403


 58.2427, 0.3819,
0.3891


 3.2120, 0.4824,
0.4666

 78.2053, 0.3756,
0.3838

 1.2434, 0.5160,
0.4840

 102.2762, 0.3703,
0.3793

 0.0967, 0.6765,
0.3235

 130.8396, 0.3658,
0.3755

 0.0000, 0.0000,
0.0000

164.2799, 0.3620,

0.3722

202.9816, 0.3587,
0.3694

■ 19.1597, 0.4112,
0.4129

■ 19.1597, 0.4112,
0.4129

■ 17.8110, 0.4327,
0.4259

■ 20.6232, 0.3899,
0.3979

■ 16.5698, 0.4535,
0.4358

■ 22.2029, 0.3696,
0.3818

■ 15.4324, 0.4726,
0.4415

■ 23.9033, 0.3505,
0.3653

■ 14.3929, 0.4890,
0.4425

■ 25.7280, 0.3331,
0.3492

■ 13.7229, 0.4996,
0.4415

■ 27.6805, 0.3173,
0.3336

■ 29.7638, 0.3031,
0.3190

■ 31.9810, 0.2904,
0.3053

■ 34.3350, 0.2791,
0.2926

■ 36.8288, 0.2691,
0.2809

Harmonies

Analogous

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



19.1597, 0.4302, 0.3723



19.1597, 0.4112, 0.4129



19.1597, 0.3661, 0.4356

Triad

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



19.1597, 0.4112, 0.4129



19.1597, 0.2199, 0.3183



19.1597, 0.3075, 0.2531

Complementary

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



19.1597, 0.4112, 0.4129



11.6375, 0.2257, 0.2250

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.



19.1597, 0.2542, 0.2377



19.1597, 0.4112, 0.4129



19.1597, 0.2076, 0.2692

Square

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



19.1597, 0.4112, 0.4129



19.1597, 0.2558, 0.3786



19.1597, 0.2195, 0.2422



19.1597, 0.3675, 0.2847

Rectangle

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



19.1597, 0.4112, 0.4129



19.1597, 0.3285, 0.4327



19.1597, 0.2195, 0.2422



19.1597, 0.2882, 0.2460

Sweetspot

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



19.1606, 0.4112, 0.4129



44.9981, 0.3386, 0.3543



11.0029, 0.4039, 0.2801



9.8781, 0.3417, 0.3573



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.1606, 0.4112, 0.4129



31.3866, 0.4374, 0.4284



25.7940, 0.3754, 0.4586



5.9601, 0.3267, 0.3430



11.8224, 0.4990, 0.4420



0.1551, 0.4562, 0.4760

Inverse Universe

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



11.6375, 0.2257, 0.2250



16.4390, 0.2061, 0.1957



7.8104, 0.2253, 0.1702



5.5560, 0.2990, 0.3146



3.9609, 0.1668, 0.1204



0.0771, 0.1897, 0.2030

Previews

White Background



This preview shows how the Yxy color 19.1597, 0.4112, 0.4129 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 19.1597, 0.4112, 0.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

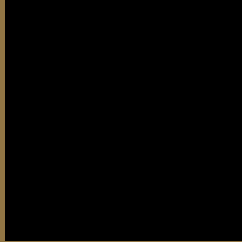
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1597, 0.4112, 0.4129

Background



This preview shows how black text looks on a background with the Yxy color 19.1597, 0.4112, 0.4129.



This preview shows how white text looks on a background with the Yxy color 19.1597, 0.4112, 0.4129.

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

19.1597, 0.4112, 0.4129

Protanopia

19.1035, 0.3891, 0.4220

Deuteranopia

19.2040, 0.4162, 0.4099



Tritanopia

19.1848, 0.3552, 0.3156

Trichromacy



Original Color

19.1597, 0.4112, 0.4129

Protanomaly

19.1810, 0.3965, 0.4200

Deuteranomaly

19.1112, 0.4149, 0.4104

Tritanomaly

19.0263, 0.3774, 0.3517

Monochromacy



Original Color

19.1597, 0.4112, 0.4129

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.8004, 0.3475, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1597, 0.4112, 0.4129 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(145, 117, 68)` looks like.

```
.text, #text, p{  
    color:rgb(145, 117, 68)  
}
```

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(145, 117, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 117, 68) }
```

Border

The CSS property to change the border of an element to Yxy 19.1597, 0.4112, 0.4129 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(145, 117, 68) }
```

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

```
.border{ border-color:rgb(145, 117, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 117, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 117, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 117, 68);  
box-shadow:4px 4px 4px 4px rgb(145, 117,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1597, 0.4112, 0.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 117, 68) }
```

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

```
.background{ background-color: rgb(145,  
117, 68) }
```

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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