

Converting Colors

$Y_{xy}(19.5843, 0.3112, 0.4119)$

Have a look what the booklet for
Yxy(19.5843, 0.3112, 0.4119)
contains.

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Color

Yxy(19.6549, 0.3110, 0.4130)

Conversions

Conversions Part 1

Format	Color
Hex	5E845C
RGB	94, 132, 92
RGB Percent	37%, 52%, 36%
CMY	0.6313, 0.4824, 0.6393
CMYK	0.29, 0.00, 0.30, 0.48
HSL	117°, 18%, 44%
HSV	117°, 30%, 52%
XYZ	14.8007, 19.6549, 13.1350
YIQ	116.0780, -9.8080, -20.4960

Conversions

Conversions Part 2

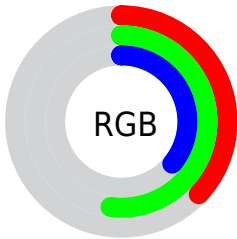
Format	Color
R _Y B	92, 132, 130
Decimal	6194268
CIE Lab	51.44, -21.71, 17.46
CIE LCh	51, 27.862, 141.190
Yxy	19.6549, 0.3110, 0.4130
Android (android.graphics.Color)	4284384348 (0xFF5E845C)
YUV	116.0780, -11.8705, -19.3624
Hunter-Lab	44.3338, -17.9928, 13.4676

Details

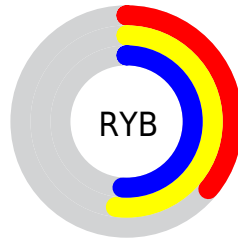
The Yxy color **19.6549, 0.3110, 0.4130** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.0596, 0.3132, 0.2562**, and the grayscale version is **17.5312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6707, 0.3122, 0.3928**, and **6.8127, 0.3070, 0.4510** is the 20% darker color. If you saturate the color by 10%, you get **18.8351, 0.3100, 0.4460**, and if you desaturate by 10%, it is **20.6240, 0.3118, 0.3823**.

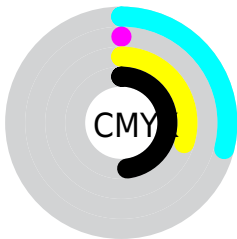
Distribution



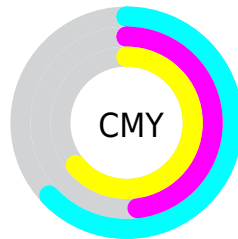
- Red (37%)
- Green (52%)
- Blue (36%)



- Red (36%)
- Yellow (52%)
- Blue (51%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)





- Cyan (63%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.6549, 0.3110, 0.4130 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 19.6549, 0.3110, 0.4130 by changing the saturation by 10% instead.


 19.6549, 0.3110,
0.4130


 19.6549, 0.3110,
0.4130


250.0407, 0.3130,
0.3631


 12.1444, 0.3097,
0.4291


 42.8378, 0.3122,
0.3924


 6.8421, 0.3073,
0.4528


 59.2791, 0.3125,
0.3855

 3.3636, 0.3022,
0.4905

 79.4661, 0.3127,
0.3799

 1.3244, 0.3125,
0.6139

 103.7832, 0.3128,
0.3754

 0.1599, 0.0000,
1.0000

132.6148, 0.3129,
0.3715

 0.0000, 0.0000,
0.0000

166.3454, 0.3130,

0.3683

205.3592, 0.3130,
0.3655

■ 19.6549, 0.3110,
0.4130

■ 19.6549, 0.3110,
0.4130

■ 18.8351, 0.3100,
0.4460

■ 20.6240, 0.3118,
0.3823

■ 18.1550, 0.3088,
0.4802

■ 21.7468, 0.3123,
0.3544

■ 17.6074, 0.3073,
0.5136

■ 23.0304, 0.3127,
0.3297

■ 17.1837, 0.3057,
0.5441


■ 24.4808, 0.3130,
0.3081


■ 16.8742, 0.3041,
0.5692


■ 26.1037, 0.3131,
0.2892


 16.6678, 0.3025,
0.5870

 27.9044, 0.3132,
0.2729

 16.5456, 0.3016,
0.5987

 29.8883, 0.3132,
0.2588

 32.0601, 0.3132,
0.2467

 34.4248, 0.3131,
0.2361

Harmonies

Analogous

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



19.6549, 0.3615, 0.4228



19.6549, 0.3110, 0.4130



19.6549, 0.2633, 0.3733

Triad

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



19.6549, 0.3110, 0.4130



19.6549, 0.2291, 0.2519



19.6549, 0.4017, 0.3270

Complementary

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



19.6549, 0.3110, 0.4130



14.0596, 0.3132, 0.2562

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.



19.6549, 0.3604, 0.2890



19.6549, 0.3110, 0.4130



19.6549, 0.2602, 0.2471

Square

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



19.6549, 0.3110, 0.4130



19.6549, 0.2187, 0.2771



19.6549, 0.3075, 0.2607



19.6549, 0.4166, 0.3679

Rectangle

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



19.6549, 0.3110, 0.4130



19.6549, 0.2392, 0.3384



19.6549, 0.3075, 0.2607



19.6549, 0.3903, 0.3136

Sweetspot

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



19.6557, 0.3110, 0.4130



38.5455, 0.3124, 0.3515



21.4656, 0.3578, 0.3971



8.9110, 0.3123, 0.3549



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.6557, 0.3110, 0.4130



33.6575, 0.3104, 0.4342



19.8877, 0.2918, 0.3759



5.2153, 0.3124, 0.3513



16.0214, 0.3017, 0.5987



0.0562, 0.3091, 0.5927

Inverse Universe

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



14.0596, 0.3132, 0.2562



22.2381, 0.3131, 0.2407



13.7869, 0.3412, 0.2865



4.7510, 0.3130, 0.3075



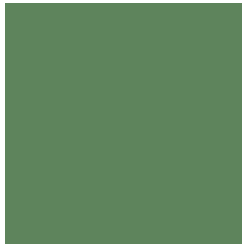
5.8539, 0.3085, 0.1473



0.0212, 0.3151, 0.1510

Previews

White Background



This preview shows how the Yxy color 19.6549, 0.3110, 0.4130 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 19.6549, 0.3110, 0.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

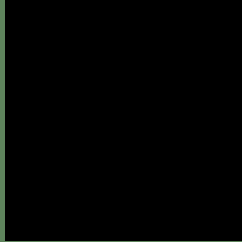
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6549, 0.3110, 0.4130

Background



This preview shows how black text looks on a background with the Yxy color 19.6549, 0.3110, 0.4130.



This preview shows how white text looks on a background with the Yxy color 19.6549, 0.3110, 0.4130.

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

19.6549, 0.3110, 0.4130

Protanopia

19.5292, 0.3661, 0.3921

Deuteranopia

19.3884, 0.3751, 0.3681



Tritanopia

19.5241, 0.2757, 0.3096

Trichromacy



Original Color

19.6549, 0.3110, 0.4130

Protanomaly

19.4945, 0.3446, 0.4014

Deuteranomaly

19.0872, 0.3496, 0.3827

Tritanomaly

19.4471, 0.2884, 0.3450

Monochromacy



Original Color

19.6549, 0.3110, 0.4130

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

18.1687, 0.3125, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6549, 0.3110, 0.4130 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(94, 132, 92)` looks like.

```
.text, #text, p{  
    color:rgb(94, 132, 92)  
}
```

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(94, 132, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 132, 92) }
```

Border

The CSS property to change the border of an element to Yxy 19.6549, 0.3110, 0.4130 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(94, 132, 92) }
```

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

```
.border{ border-color:rgb(94, 132, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 132, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 132, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 132, 92);  
box-shadow:4px 4px 4px 4px rgb(94, 132,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6549, 0.3110, 0.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 132, 92) }
```

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

```
.background{ background-color: rgb(94, 132,  
92) }
```

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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