

Converting Colors

$Y_{xy}(19.2686, 0.3098, 0.4138)$

Have a look what the booklet for
Yxy(19.2686, 0.3098, 0.4138)
contains.

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Color

$Y_{xy}(19.2632, 0.3098, 0.4139)$

Conversions

Conversions Part 1

Format	Color
Hex	5C835B
RGB	92, 131, 91
RGB Percent	36%, 51%, 36%
CMY	0.6392, 0.4863, 0.6431
CMYK	0.30, 0.00, 0.31, 0.49
HSL	119°, 18%, 44%
HSV	119°, 31%, 51%
XYZ	14.4183, 19.2632, 12.8592
YIQ	114.7790, -10.4040, -20.7080

Conversions

Conversions Part 2

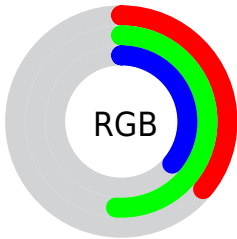
Format	Color
R _Y B	91, 131, 130
Decimal	6062939
CIE Lab	50.99, -22.10, 17.38
CIE LCh	51, 28.119, 141.820
Yxy	19.2632, 0.3098, 0.4139
Android (android.graphics.Color)	4284253019 (0xFF5C835B)
YUV	114.7790, -11.7230, -19.9772
Hunter-Lab	43.8899, -18.1680, 13.3517

Details

The Yxy color **19.2632, 0.3098, 0.4139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.8715, 0.3147, 0.2561**, and the grayscale version is **17.1128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0437, 0.3113, 0.3934**, and **6.6098, 0.3054, 0.4531** is the 20% darker color. If you saturate the color by 10%, you get **18.4537, 0.3085, 0.4472**, and if you desaturate by 10%, it is **20.2248, 0.3109, 0.3830**.

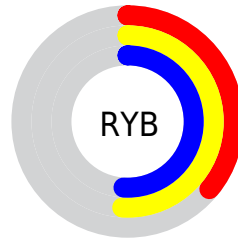
Distribution



Red (36%)

Green (51%)

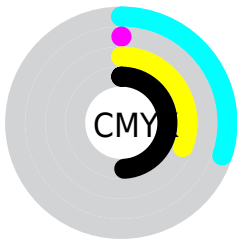
Blue (36%)



Red (36%)

Yellow (51%)

Blue (51%)

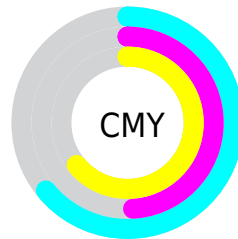


Cyan (30%)

Magenta (0%)

Yellow (31%)

Black (49%)



Cyan (64%)


Magenta (49%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2632, 0.3098, 0.4139 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 19.2632, 0.3098, 0.4139 by changing the saturation by 10% instead.


 19.2632, 0.3098,
0.4139


 19.2632, 0.3098,
0.4139


247.8979, 0.3126,
0.3633


 11.8606, 0.3083,
0.4304


 42.1784, 0.3113,
0.3930


 6.6488, 0.3055,
0.4546


 58.4598, 0.3117,
0.3860

 3.2435, 0.2997,
0.4934

 78.4695, 0.3120,
0.3803

 1.2601, 0.3106,
0.6341

 102.5921, 0.3122,
0.3757

 0.1100, 0.0000,
1.0000

131.2118, 0.3123,
0.3718

 0.0000, 0.0000,
0.0000

164.7131, 0.3124,

0.3685

203.4803, 0.3125,
0.3657

■ 19.2632, 0.3098,
0.4139

■ 19.2632, 0.3098,
0.4139

■ 18.4537, 0.3085,
0.4472

■ 20.2248, 0.3109,
0.3830

■ 17.7863, 0.3071,
0.4815

■ 21.3433, 0.3119,
0.3550

■ 17.2535, 0.3055,
0.5151

■ 22.6259, 0.3127,
0.3302

■ 16.8462, 0.3040,
0.5456


■ 24.0790, 0.3133,
0.3085


■ 16.5540, 0.3026,
0.5705


■ 25.7086, 0.3139,
0.2897


 16.3652, 0.3014,
0.5880

 27.5202, 0.3143,
0.2735

 16.2540, 0.3008,
0.5994

 29.5192, 0.3146,
0.2595

 31.7109, 0.3149,
0.2474

 34.1001, 0.3151,
0.2370

Harmonies

Analogous

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



19.2632, 0.3612, 0.4245



19.2632, 0.3098, 0.4139



19.2632, 0.2616, 0.3730

Triad

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



19.2632, 0.3098, 0.4139



19.2632, 0.2283, 0.2505



19.2632, 0.4038, 0.3277

Complementary

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



19.2632, 0.3098, 0.4139



13.8715, 0.3147, 0.2561

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.



19.2632, 0.3622, 0.2891



19.2632, 0.3098, 0.4139



19.2632, 0.2602, 0.2461

Square

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



19.2632, 0.3098, 0.4139



19.2632, 0.2173, 0.2755



19.2632, 0.3085, 0.2602



19.2632, 0.4182, 0.3692

Rectangle

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



19.2632, 0.3098, 0.4139



19.2632, 0.2375, 0.3374



19.2632, 0.3085, 0.2602



19.2632, 0.3924, 0.3142

Sweetspot

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



19.2640, 0.3098, 0.4139



38.5046, 0.3120, 0.3516



21.4587, 0.3575, 0.3998



8.9004, 0.3119, 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.



19.2640, 0.3098, 0.4139



33.4069, 0.3089, 0.4381



19.5771, 0.2904, 0.3733



5.2098, 0.3120, 0.3514



15.9991, 0.3008, 0.5994



0.0558, 0.3044, 0.5965

Inverse Universe

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



13.8715, 0.3147, 0.2561



22.0516, 0.3151, 0.2389



13.4880, 0.3435, 0.2887



4.7572, 0.3134, 0.3076



6.1150, 0.3150, 0.1509



0.0216, 0.3182, 0.1526

Previews

White Background



This preview shows how the Yxy color 19.2632, 0.3098, 0.4139 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 19.2632, 0.3098, 0.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

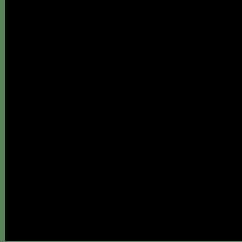
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2632, 0.3098, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 19.2632, 0.3098, 0.4139.



This preview shows how white text looks on a background with the Yxy color 19.2632, 0.3098, 0.4139.

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

19.2632, 0.3098, 0.4139

Protanopia

19.1087, 0.3652, 0.3928

Deuteranopia

19.0497, 0.3755, 0.3684



Tritanopia

19.1258, 0.2744, 0.3094

Trichromacy



Original Color

19.2632, 0.3098, 0.4139

Protanomaly

19.0848, 0.3435, 0.4023

Deuteranomaly

18.7501, 0.3499, 0.3831

Tritanomaly

19.0520, 0.2871, 0.3452

Monochromacy



Original Color

19.2632, 0.3098, 0.4139

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.8412, 0.3125, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2632, 0.3098, 0.4139 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(92, 131, 91)` looks like.

```
.text, #text, p{  
    color:rgb(92, 131, 91)  
}
```

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(92, 131, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 131, 91) }
```

Border

The CSS property to change the border of an element to Yxy 19.2632, 0.3098, 0.4139 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(92, 131, 91) }
```

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

```
.border{ border-color:rgb(92, 131, 91) }
```

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

Here you see how a box with a 4 pixel rgb(92, 131, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 131, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 131, 91);  
box-shadow:4px 4px 4px 4px rgb(92, 131,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2632, 0.3098, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 131, 91) }
```

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

```
.background{ background-color: rgb(92, 131,  
91) }
```

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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