

Converting Colors

$Y_{xy}(19.0939, 0.3240, 0.4304)$

Have a look what the booklet for
Yxy(19.0939, 0.3240, 0.4304)
contains.

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Color

Yxy(19.0613, 0.3235, 0.4303)

Conversions

Conversions Part 1

Format	Color
Hex	608252
RGB	96, 130, 82
RGB Percent	38%, 51%, 32%
CMY	0.6235, 0.4902, 0.6784
CMYK	0.26, 0.00, 0.37, 0.49
HSL	102°, 23%, 42%
HSV	102°, 37%, 51%
XYZ	14.3303, 19.0613, 10.9061
YIQ	114.3620, -4.8560, -22.1360

Conversions

Conversions Part 2

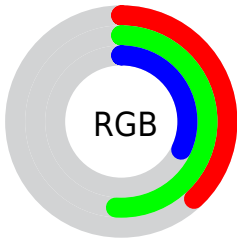
Format	Color
RYB	82, 130, 116
Decimal	6324818
CIELab	50.76, -21.63, 22.22
CIElCh	51, 31.012, 134.237
Yxy	19.0613, 0.3235, 0.4303
Android (android.graphics.Color)	4284514898 (0xFF608252)
YUV	114.3620, -15.9545, -16.1035
Hunter-Lab	43.6592, -17.8145, 15.7508

Details

The Yxy color **19.0613, 0.3235, 0.4303** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.3584, 0.2958, 0.2358**, and the grayscale version is **16.9927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8288, 0.3225, 0.4050**, and **6.4931, 0.3242, 0.4778** is the 20% darker color. If you saturate the color by 10%, you get **18.4121, 0.3252, 0.4617**, and if you desaturate by 10%, it is **19.8081, 0.3211, 0.4000**.

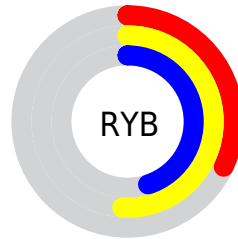
Distribution



 Red (38%)

 Green (51%)

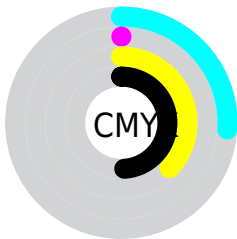
 Blue (32%)



 Red (32%)

 Yellow (51%)

 Blue (45%)

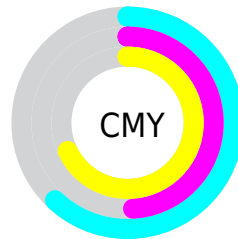


 Cyan (26%)


 Magenta (0%)

 Yellow (37%)

 Black (49%)



 Cyan (62%)


 Magenta (49%)


 Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0613, 0.3235, 0.4303 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 19.0613, 0.3235, 0.4303 by changing the saturation by 10% instead.


 19.0613, 0.3235,
0.4303


 19.0613, 0.3235,
0.4303


246.7870, 0.3188,
0.3698


 11.7146, 0.3239,
0.4499


 41.8377, 0.3222,
0.4054

 6.5496, 0.3235,
0.4785


 58.0361, 0.3216,
0.3969


 3.1821, 0.3203,
0.5235

 77.9539, 0.3210,
0.3902

 1.2275, 0.3298,
0.6702

 101.9754, 0.3205,
0.3847

 0.0840, 0.0000,
1.0000

 130.4851, 0.3200,
0.3800

 0.0000, 0.0000,
0.0000

163.8673, 0.3196,

0.3761

202.5065, 0.3192,
0.3728

■ 19.0613, 0.3235,
0.4303

■ 19.0613, 0.3235,
0.4303

■ 18.4121, 0.3252,
0.4617

■ 19.8081, 0.3211,
0.4000

■ 17.8539, 0.3259,
0.4929

■ 20.6540, 0.3182,
0.3716

■ 17.3832, 0.3254,
0.5223

■ 21.6033, 0.3150,
0.3456


■ 16.9949, 0.3235,
0.5481


■ 22.6596, 0.3117,
0.3220

■ 16.6837, 0.3204,
0.5687


■ 23.8262, 0.3084,
0.3010


 16.4412, 0.3163,
0.5836

 25.1061, 0.3052,
0.2824

 16.3766, 0.3152,
0.5879

 26.5025, 0.3021,
0.2659

 28.0181, 0.2992,
0.2513

 29.6559, 0.2964,
0.2385

Harmonies

Analogous

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



19.0613, 0.3786, 0.4318



19.0613, 0.3235, 0.4303



19.0613, 0.2682, 0.3920

Triad

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



19.0613, 0.3235, 0.4303



19.0613, 0.2150, 0.2473



19.0613, 0.4043, 0.3158

Complementary

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



19.0613, 0.3235, 0.4303



11.3584, 0.2958, 0.2358

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.



19.0613, 0.3527, 0.2760



19.0613, 0.3235, 0.4303



19.0613, 0.2441, 0.2374

Square

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



19.0613, 0.3235, 0.4303



19.0613, 0.2091, 0.2799



19.0613, 0.2931, 0.2481



19.0613, 0.4287, 0.3609

Rectangle

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



19.0613, 0.3235, 0.4303



19.0613, 0.2387, 0.3532



19.0613, 0.2931, 0.2481



19.0613, 0.3893, 0.3016

Sweetspot

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



19.0621, 0.3235, 0.4303



37.2988, 0.3164, 0.3565



17.7539, 0.3745, 0.3928



8.4009, 0.3167, 0.3594



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.



19.0621, 0.3235, 0.4303



32.6325, 0.3249, 0.4556



18.5250, 0.2985, 0.4134



4.8749, 0.3157, 0.3510



15.7056, 0.3153, 0.5878



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.3584, 0.2958, 0.2358



17.0617, 0.2908, 0.2148



12.1462, 0.3313, 0.2573



4.3513, 0.3094, 0.3074



3.7332, 0.2504, 0.1153



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.0613, 0.3235, 0.4303 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 19.0613, 0.3235, 0.4303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

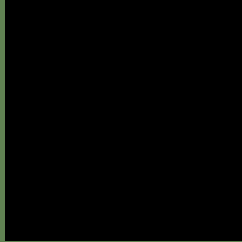
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0613, 0.3235, 0.4303

Background



This preview shows how black text looks on a background with the Yxy color 19.0613, 0.3235, 0.4303.



This preview shows how white text looks on a background with the Yxy color 19.0613, 0.3235, 0.4303.

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

19.0613, 0.3235, 0.4303

Protanopia

18.8083, 0.3779, 0.4073

Deuteranopia

18.7570, 0.3893, 0.3823



Tritanopia

19.0796, 0.2794, 0.3096

Trichromacy



Original Color

19.0613, 0.3235, 0.4303

Protanomaly

18.8314, 0.3567, 0.4175

Deuteranomaly

18.5087, 0.3639, 0.3981

Tritanomaly

18.9262, 0.2955, 0.3513

Monochromacy



Original Color

19.0613, 0.3235, 0.4303

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.5181, 0.3172, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0613, 0.3235, 0.4303 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(96, 130, 82)` looks like.

```
.text, #text, p{  
    color:rgb(96, 130, 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(96, 130, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 130, 82) }
```

Border

The CSS property to change the border of an element to Yxy 19.0613, 0.3235, 0.4303 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(96, 130, 82) }
```

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

```
.border{ border-color:rgb(96, 130, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 130, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 130, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 130, 82);  
box-shadow:4px 4px 4px 4px rgb(96, 130,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0613, 0.3235, 0.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 130, 82) }
```

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

```
.background{ background-color: rgb(96, 130,  
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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