

Converting Colors

$Y_{xy}(18.1764, 0.3195, 0.4284)$

Have a look what the booklet for
Yxy(18.1764, 0.3195, 0.4284)
contains.

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Color

Yxy(18.3229, 0.3192, 0.4283)

Conversions

Conversions Part 1

Format	Color
Hex	5C8052
RGB	92, 128, 82
RGB Percent	36%, 50%, 32%
CMY	0.6392, 0.4980, 0.6784
CMYK	0.28, 0.00, 0.36, 0.50
HSL	107°, 22%, 41%
HSV	107°, 36%, 50%
XYZ	13.6555, 18.3229, 10.8021
YIQ	111.9920, -6.6900, -21.9380

Conversions

Conversions Part 2

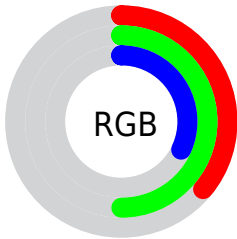
Format	Color
R_{YB}	82, 128, 118
Decimal	6062162
CIE _{Lab}	49.89, -22.11, 21.01
CIE _{LCh}	50, 30.503, 136.468
Yxy	18.3229, 0.3192, 0.4283
Android (android.graphics.Color)	4284252242 (0xFF5C8052)
YUV	111.9920, -14.7861, -17.5330
Hunter-Lab	42.8053, -17.9649, 15.0016

Details

The Yxy color **18.3229, 0.3192, 0.4283** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.4487, 0.3016, 0.2399**, and the grayscale version is **16.2466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5533, 0.3184, 0.4034**, and **6.2548, 0.3179, 0.4787** is the 20% darker color. If you saturate the color by 10%, you get **17.6641, 0.3200, 0.4604**, and if you desaturate by 10%, it is **19.0879, 0.3178, 0.3976**.

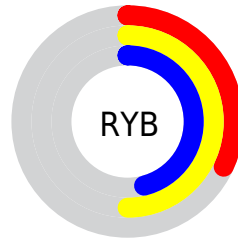
Distribution



Red (36%)

Green (50%)

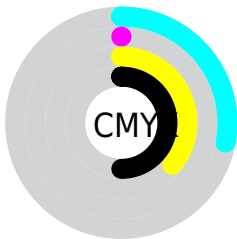
Blue (32%)



Red (32%)

Yellow (50%)

Blue (46%)

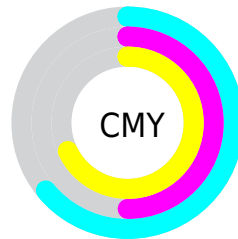


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (50%)



Cyan (64%)


Magenta (50%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3229, 0.3192, 0.4283 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 18.3229, 0.3192, 0.4283 by changing the saturation by 10% instead.


 18.3229, 0.3192,
0.4283


 18.3229, 0.3192,
0.4283


242.6848, 0.3169,
0.3686


 11.1821, 0.3189,
0.4479


 40.5868, 0.3188,
0.4035


 6.1894, 0.3175,
0.4768

 56.4786, 0.3185,
0.3952

 2.9606, 0.3130,
0.5231

 76.0562, 0.3182,
0.3886

 1.1112, 0.3105,
0.6895

 99.7040, 0.3179,
0.3832

 0.0000, 0.0000,
0.0000

 127.8064, 0.3176,
0.3786

160.7477, 0.3174,

0.3748

198.9124, 0.3171,
0.3715

■ 18.3229, 0.3192,
0.4283

■ 18.3229, 0.3192,
0.4283

■ 17.6641, 0.3200,
0.4604

■ 19.0879, 0.3178,
0.3976

■ 17.1046, 0.3200,
0.4925

■ 19.9612, 0.3160,
0.3691

■ 16.6400, 0.3190,
0.5231


■ 20.9476, 0.3140,
0.3431


■ 16.2647, 0.3171,
0.5501


■ 22.0512, 0.3118,
0.3199


■ 15.9727, 0.3141,
0.5716

■ 23.2756, 0.3096,
0.2992

 15.7555, 0.3106,
0.5869

 24.6243, 0.3074,
0.2811

 15.6831, 0.3095,
0.5925

 26.1008, 0.3053,
0.2651

 27.7084, 0.3033,
0.2511

 29.4502, 0.3014,
0.2389

Harmonies

Analogous

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



18.3229, 0.3747, 0.4325



18.3229, 0.3192, 0.4283



18.3229, 0.2647, 0.3878

Triad

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



18.3229, 0.3192, 0.4283



18.3229, 0.2167, 0.2461



18.3229, 0.4070, 0.3191

Complementary

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



18.3229, 0.3192, 0.4283



11.4487, 0.3016, 0.2399

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.



18.3229, 0.3569, 0.2787



18.3229, 0.3192, 0.4283



18.3229, 0.2473, 0.2378

Square

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



18.3229, 0.3192, 0.4283



18.3229, 0.2090, 0.2769



18.3229, 0.2974, 0.2499



18.3229, 0.4288, 0.3642

Rectangle

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



18.3229, 0.3192, 0.4283



18.3229, 0.2362, 0.3487



18.3229, 0.2974, 0.2499



18.3229, 0.3926, 0.3047

Sweetspot

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



18.3237, 0.3192, 0.4283



35.9292, 0.3151, 0.3566



17.9852, 0.3707, 0.3964



8.3673, 0.3153, 0.3595



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.



18.3237, 0.3192, 0.4283



31.3096, 0.3199, 0.4541



18.0470, 0.2959, 0.4035



4.8603, 0.3147, 0.3510



15.5504, 0.3095, 0.5925



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.4487, 0.3016, 0.2399



17.3459, 0.2981, 0.2197



11.8811, 0.3355, 0.2647



4.3668, 0.3105, 0.3075



4.2455, 0.2682, 0.1251



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.3229, 0.3192, 0.4283 looks on a white 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

Black Background



This preview shows how the Yxy color 18.3229, 0.3192, 0.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

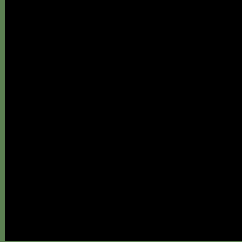
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3229, 0.3192, 0.4283

Background



This preview shows how black text looks on a background with the Yxy color 18.3229, 0.3192, 0.4283.



This preview shows how white text looks on a background with the Yxy color 18.3229, 0.3192, 0.4283.

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

18.3229, 0.3192, 0.4283

Protanopia

18.0961, 0.3751, 0.4051

Deuteranopia

18.0416, 0.3864, 0.3797



Tritanopia

18.2943, 0.2768, 0.3092

Trichromacy



Original Color

18.3229, 0.3192, 0.4283

Protanomaly

18.1284, 0.3537, 0.4153

Deuteranomaly

17.8079, 0.3609, 0.3955

Tritanomaly

18.1716, 0.2920, 0.3496

Monochromacy



Original Color

18.3229, 0.3192, 0.4283

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.8997, 0.3161, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3229, 0.3192, 0.4283 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, 128, 82)` looks like.

```
.text, #text, p{  
    color:rgb(92, 128, 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(92, 128, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 128, 82) }
```

Border

The CSS property to change the border of an element to Yxy 18.3229, 0.3192, 0.4283 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, 128, 82) }
```

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

```
.border{ border-color:rgb(92, 128, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 128, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 128, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 128, 82);  
box-shadow:4px 4px 4px 4px rgb(92, 128,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3229, 0.3192, 0.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 128, 82) }
```

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

```
.background{ background-color: rgb(92, 128,  
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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