

Converting Colors

$Y_{xy}(18.1898, 0.3097, 0.4067)$

Have a look what the booklet for
Yxy(18.1898, 0.3097, 0.4067)
contains.

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Color

Yxy(18.2094, 0.3102, 0.4066)

Conversions

Conversions Part 1

Format	Color
Hex	5C7F5B
RGB	92, 127, 91
RGB Percent	36%, 50%, 36%
CMY	0.6392, 0.5020, 0.6431
CMYK	0.28, 0.00, 0.28, 0.50
HSL	118°, 17%, 43%
HSV	118°, 28%, 50%
XYZ	13.8922, 18.2094, 12.6830
YIQ	112.4310, -9.3040, -18.6160

Conversions

Conversions Part 2

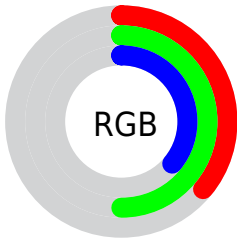
Format	Color
RYB	91, 127, 126
Decimal	6061915
CIELab	49.75, -20.02, 15.69
CIELCh	50, 25.435, 141.925
Yxy	18.2094, 0.3102, 0.4066
Android (android.graphics.Color)	4284251995 (0xFF5C7F5B)
YUV	112.4310, -10.5655, -17.9180
Hunter-Lab	42.6725, -16.5655, 12.2487

Details

The Yxy color **18.2094, 0.3102, 0.4066** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.4532, 0.3144, 0.2615**, and the grayscale version is **16.3713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4052, 0.3116, 0.3880**, and **6.1737, 0.3057, 0.4454** is the 20% darker color. If you saturate the color by 10%, you get **17.4241, 0.3090, 0.4393**, and if you desaturate by 10%, it is **19.1371, 0.3112, 0.3764**.

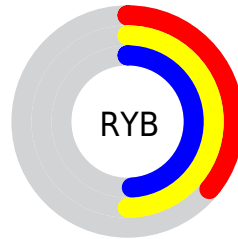
Distribution



Red (36%)

Green (50%)

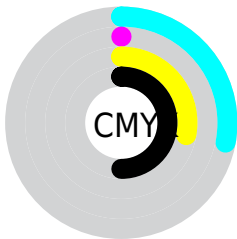
Blue (36%)



Red (36%)

Yellow (50%)

Blue (49%)

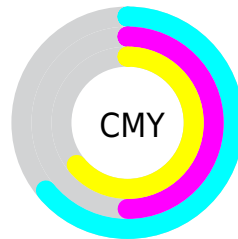


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (50%)



Cyan (64%)


Magenta (50%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.2094, 0.3102, 0.4066 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 18.2094, 0.3102, 0.4066 by changing the saturation by 10% instead.


 18.2094, 0.3102,
0.4066


 18.2094, 0.3102,
0.4066


242.0487, 0.3126,
0.3601


 11.1004, 0.3089,
0.4219


 40.3938, 0.3115,
0.3873


 6.1344, 0.3065,
0.4446

 56.2380, 0.3118,
0.3808

 2.9270, 0.3014,
0.4814

 75.7628, 0.3120,
0.3757

 1.0937, 0.3142,
0.6399

 99.3525, 0.3122,
0.3714

 0.0000, 0.0000,
0.0000

127.3916, 0.3123,
0.3679

160.2644, 0.3124,

0.3649

198.3553, 0.3125,
0.3623

■ 18.2094, 0.3102,
0.4066

■ 18.2094, 0.3102,
0.4066

■ 17.4241, 0.3090,
0.4393

■ 19.1371, 0.3112,
0.3764

■ 16.7719, 0.3076,
0.4734

■ 20.2112, 0.3121,
0.3492

■ 16.2462, 0.3061,
0.5073

■ 21.4385, 0.3128,
0.3252

■ 15.8388, 0.3046,
0.5386

■ 22.8248, 0.3134,
0.3042

■ 15.5404, 0.3031,
0.5650

■ 24.3754, 0.3139,
0.2861

■ 15.3406, 0.3018,
0.5844

■ 26.0954, 0.3142,
0.2703

■ 15.2195, 0.3010,
0.5972

■ 27.9898, 0.3145,
0.2568

■ 15.2016, 0.3009,
0.5993

■ 30.0633, 0.3147,
0.2451

■ 32.3204, 0.3149,
0.2350

Harmonies

Analogous

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



18.2094, 0.3577, 0.4169



18.2094, 0.3102, 0.4066



18.2094, 0.2655, 0.3693

Triad

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



18.2094, 0.3102, 0.4066



18.2094, 0.2345, 0.2562



18.2094, 0.3967, 0.3283

Complementary

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



18.2094, 0.3102, 0.4066



13.4532, 0.3144, 0.2615

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.



18.2094, 0.3586, 0.2922



18.2094, 0.3102, 0.4066



18.2094, 0.2643, 0.2519

Square

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



18.2094, 0.3102, 0.4066



18.2094, 0.2241, 0.2797



18.2094, 0.3092, 0.2651



18.2094, 0.4100, 0.3670

Rectangle

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



18.2094, 0.3102, 0.4066



18.2094, 0.2430, 0.3368



18.2094, 0.3092, 0.2651



18.2094, 0.3862, 0.3157

Sweetspot

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



18.2102, 0.3102, 0.4066



36.0132, 0.3120, 0.3515



20.1386, 0.3541, 0.3945



8.3724, 0.3119, 0.3548



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.



18.2102, 0.3102, 0.4066



31.6704, 0.3094, 0.4275



18.4825, 0.2919, 0.3695



4.8240, 0.3121, 0.3512



15.3309, 0.3009, 0.5993



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.4532, 0.3144, 0.2615



21.6792, 0.3147, 0.2461



13.1270, 0.3406, 0.2918



4.4066, 0.3133, 0.3077



5.8294, 0.3143, 0.1505



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.2094, 0.3102, 0.4066 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 18.2094, 0.3102, 0.4066 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 18.2094, 0.3102, 0.4066

Background



This preview shows how black text looks on a background with the Yxy color 18.2094, 0.3102, 0.4066.



This preview shows how white text looks on a background with the Yxy color 18.2094, 0.3102, 0.4066.

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

18.2094, 0.3102, 0.4066

Protanopia

18.1570, 0.3627, 0.3885

Deuteranopia

17.9368, 0.3703, 0.3641



Tritanopia

18.2377, 0.2758, 0.3091

Trichromacy



Original Color

18.2094, 0.3102, 0.4066

Protanomaly

17.9567, 0.3424, 0.3957

Deuteranomaly

17.8121, 0.3470, 0.3783

Tritanomaly

18.1865, 0.2878, 0.3434

Monochromacy



Original Color

18.2094, 0.3102, 0.4066

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.7253, 0.3127, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.2094, 0.3102, 0.4066 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, 127, 91)` looks like.

```
.text, #text, p{  
    color:rgb(92, 127, 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, 127, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 127, 91) }
```

Border

The CSS property to change the border of an element to Yxy 18.2094, 0.3102, 0.4066 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, 127, 91) }
```

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

```
.border{ border-color:rgb(92, 127, 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, 127, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 127, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 127, 91);  
box-shadow:4px 4px 4px 4px rgb(92, 127,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 18.2094, 0.3102, 0.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 127, 91) }
```

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

```
.background{ background-color: rgb(92, 127,  
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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