

Converting Colors

$Y_{xy}(18.6110, 0.3043, 0.3885)$

Have a look what the booklet for
Yxy(18.6110, 0.3043, 0.3885)
contains.

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Color

Yxy(18.4593, 0.3042, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	5E7F63
RGB	94, 127, 99
RGB Percent	37%, 50%, 39%
CMY	0.6314, 0.5019, 0.6117
CMYK	0.26, 0.00, 0.22, 0.50
HSL	129°, 15%, 43%
HSV	129°, 26%, 50%
XYZ	14.4576, 18.4593, 14.6097
YIQ	113.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

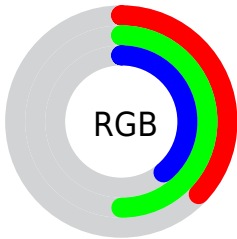
Format	Color
R _Y B	94, 123, 127
Decimal	6192995
CIE Lab	50.05, -17.79, 11.49
CIE LCh	50, 21.174, 147.146
Yxy	18.4593, 0.3042, 0.3884
Android (android.graphics.Color)	4284383075 (0xFF5E7F63)
YUV	113.9410, -7.3659, -17.4883
Hunter-Lab	42.9643, -15.1219, 9.9139

Details

The Yxy color **18.4593, 0.3042, 0.3884** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.9208, 0.3226, 0.2761**, and the grayscale version is **16.8337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8643, 0.3064, 0.3737**, and **6.3010, 0.3002, 0.4188** is the 20% darker color. If you saturate the color by 10%, you get **17.6506, 0.3011, 0.4158**, and if you desaturate by 10%, it is **19.4075, 0.3075, 0.3635**.

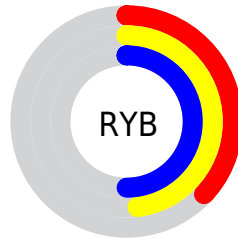
Distribution



Red (37%)

Green (50%)

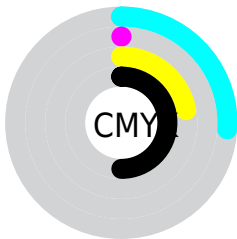
Blue (39%)



Red (37%)

Yellow (48%)

Blue (50%)

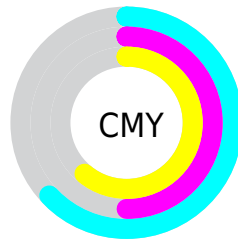


Cyan (26%)

Magenta (0%)

Yellow (22%)

Black (50%)



Cyan (63%)


Magenta (50%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4593, 0.3042, 0.3884 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 18.4593, 0.3042, 0.3884 by changing the saturation by 10% instead.

 18.4593, 0.3042,
0.3884


 18.4593, 0.3042,
0.3884

243.4473, 0.3097,
0.3531


 11.2802, 0.3022,
0.3999


 40.8184, 0.3066,
0.3738


 6.2557, 0.2990,
0.4169


 56.7673, 0.3073,
0.3689

 3.0012, 0.2934,
0.4445

 76.4082, 0.3079,
0.3650

 1.1323, 0.2880,
0.5234

 100.1255, 0.3084,
0.3617

 0.0054, 0.0000,
1.0000

128.3037, 0.3088,
0.3590

 0.0000, 0.0000,
0.0000

161.3271, 0.3091,

0.3567

199.5802, 0.3094,
0.3548

■ 18.4593, 0.3042,
0.3884

■ 18.4593, 0.3042,
0.3884

■ 17.6506, 0.3011,
0.4158

■ 19.4075, 0.3075,
0.3635

■ 16.9726, 0.2982,
0.4451

■ 20.4989, 0.3108,
0.3411

■ 16.4191, 0.2959,
0.4754

■ 21.7400, 0.3140,
0.3214

■ 15.9824, 0.2943,
0.5055

■ 23.1361, 0.3170,
0.3041

■ 15.6540, 0.2937,
0.5335

■ 24.6925, 0.3199,
0.2891

■ 15.4241, 0.2941,
0.5579

■ 26.4138, 0.3226,
0.2760

■ 15.2770, 0.2952,
0.5771

■ 28.3049, 0.3251,
0.2647

■ 15.2278, 0.2954,
0.5834

■ 30.3702, 0.3274,
0.2548

■ 32.6141, 0.3295,
0.2463

Harmonies

Analogous

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



18.4593, 0.3442, 0.4016



18.4593, 0.3042, 0.3884



18.4593, 0.2681, 0.3555

Triad

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



18.4593, 0.3042, 0.3884



18.4593, 0.2503, 0.2663



18.4593, 0.3857, 0.3348

Complementary

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



18.4593, 0.3042, 0.3884



13.9208, 0.3226, 0.2761

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.



18.4593, 0.3573, 0.3032



18.4593, 0.3042, 0.3884



18.4593, 0.2784, 0.2650

Square

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



18.4593, 0.3042, 0.3884



18.4593, 0.2384, 0.2839



18.4593, 0.3173, 0.2783



18.4593, 0.3928, 0.3671

Rectangle

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



18.4593, 0.3042, 0.3884



18.4593, 0.2506, 0.3290



18.4593, 0.3173, 0.2783



18.4593, 0.3783, 0.3239

Sweetspot

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



18.4601, 0.3042, 0.3884



36.2545, 0.3101, 0.3458



20.1290, 0.3438, 0.3923



8.4257, 0.3096, 0.3487



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.



18.4601, 0.3042, 0.3884



32.1936, 0.3024, 0.4039



18.8071, 0.2875, 0.3528



4.8286, 0.3098, 0.3478



15.3567, 0.2954, 0.5834



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9208, 0.3226, 0.2761



22.6638, 0.3252, 0.2642



13.5474, 0.3469, 0.3065



4.4015, 0.3158, 0.3109



5.6351, 0.3621, 0.1768



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.4593, 0.3042, 0.3884 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 18.4593, 0.3042, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

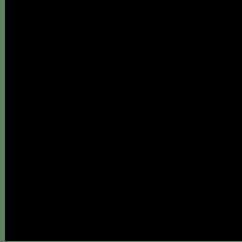
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4593, 0.3042, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 18.4593, 0.3042, 0.3884.



This preview shows how white text looks on a background with the Yxy color 18.4593, 0.3042, 0.3884.

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

18.4593, 0.3042, 0.3884

Protanopia

18.2187, 0.3514, 0.3733

Deuteranopia

18.2282, 0.3577, 0.3512



Tritanopia

18.5412, 0.2770, 0.3112

Trichromacy



Original Color

18.4593, 0.3042, 0.3884

Protanomaly

18.0967, 0.3330, 0.3793

Deuteranomaly

18.1982, 0.3368, 0.3642

Tritanomaly

18.3680, 0.2869, 0.3371

Monochromacy



Original Color

18.4593, 0.3042, 0.3884

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.4236, 0.3093, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4593, 0.3042, 0.3884 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, 127, 99)` looks like.

```
.text, #text, p{  
    color:rgb(94, 127, 99)  
}
```

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, 127, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 127, 99) }
```

Border

The CSS property to change the border of an element to Yxy 18.4593, 0.3042, 0.3884 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, 127, 99) }
```

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

```
.border{ border-color:rgb(94, 127, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 127, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 127, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 127, 99);  
box-shadow:4px 4px 4px 4px rgb(94, 127,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4593, 0.3042, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 127, 99) }
```

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

```
.background{ background-color: rgb(94, 127,  
99) }
```

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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