

Converting Colors

$Yxy(15.9014, 0.3094, 0.3789)$

Have a look what the booklet for
Yxy(15.9014, 0.3094, 0.3789)
contains.

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Color

Yxy(15.9104, 0.3103, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	5E755E
RGB	94, 117, 94
RGB Percent	37%, 46%, 37%
CMY	0.6315, 0.5411, 0.6314
CMYK	0.20, 0.00, 0.20, 0.54
HSL	120°, 11%, 41%
HSV	120°, 20%, 46%
XYZ	12.9955, 15.9104, 12.9746
YIQ	107.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

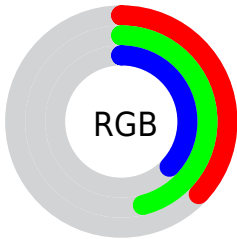
Format	Color
R _Y B	94, 117, 117
Decimal	6190430
CIE Lab	46.86, -13.35, 9.96
CIE LCh	47, 16.652, 143.283
Yxy	15.9104, 0.3103, 0.3799
Android (android.graphics.Color)	4284380510 (0xFF5E755E)
YUV	107.5010, -6.6560, -11.8404
Hunter-Lab	39.8878, -11.6482, 8.6358

Details

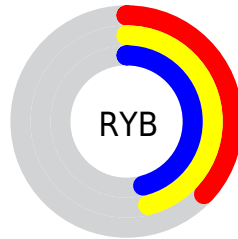
The Yxy color **15.9104, 0.3103, 0.3799** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0673, 0.3149, 0.2829**, and the grayscale version is **14.8686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4093, 0.3118, 0.3674**, and **5.0740, 0.3072, 0.4065** is the 20% darker color. If you saturate the color by 10%, you get **15.1447, 0.3089, 0.4103**, and if you desaturate by 10%, it is **16.8031, 0.3116, 0.3525**.

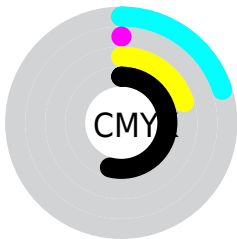
Distribution



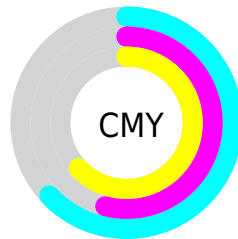
- Red (37%)
- Green (46%)
- Blue (37%)



- Red (37%)
- Yellow (46%)
- Blue (46%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (54%)





- Cyan (63%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9104, 0.3103, 0.3799 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 15.9104, 0.3103, 0.3799 by changing the saturation by 10% instead.


 15.9104, 0.3103,
0.3799


 15.9104, 0.3103,
0.3799

228.8124, 0.3121,
0.3492


 9.4608, 0.3095,
0.3902


 36.4426, 0.3112,
0.3670


 5.0429, 0.3080,
0.4058


 51.2939, 0.3114,
0.3628

 2.2725, 0.3049,
0.4318

 69.7146, 0.3116,
0.3594

 0.7591, 0.3078,
0.5906

 92.0891, 0.3118,
0.3566

 0.0000, 0.0000,
0.0000

118.8017, 0.3119,
0.3543

150.2369, 0.3120,

0.3523

186.7790, 0.3121,
0.3506

■ 15.9104, 0.3103,
0.3799

■ 15.9104, 0.3103,
0.3799

■ 15.1447, 0.3089,
0.4103

■ 16.8031, 0.3116,
0.3525

■ 14.4982, 0.3073,
0.4431

■ 17.8259, 0.3127,
0.3283

■ 13.9656, 0.3057,
0.4772

■ 18.9845, 0.3138,
0.3071

■ 13.5403, 0.3041,
0.5109

■ 20.2837, 0.3146,
0.2888

■ 13.2149, 0.3027,
0.5418

■ 21.7279, 0.3154,
0.2730

■ 12.9814, 0.3015,
0.5674

■ 23.3214, 0.3160,
0.2593

■ 12.8303, 0.3006,
0.5860

■ 25.0684, 0.3166,
0.2476

■ 12.7281, 0.3000,
0.5995

■ 26.9728, 0.3171,
0.2374

■ 12.7250, 0.3000,
0.5999

■ 29.0383, 0.3175,
0.2287

Harmonies

Analogous

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



15.9104, 0.3432, 0.3887



15.9104, 0.3103, 0.3799



15.9104, 0.2792, 0.3549

Triad

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



15.9104, 0.3103, 0.3799



15.9104, 0.2586, 0.2780



15.9104, 0.3707, 0.3308

Complementary

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



15.9104, 0.3103, 0.3799



13.0673, 0.3149, 0.2829

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.



15.9104, 0.3457, 0.3045



15.9104, 0.3103, 0.3799



15.9104, 0.2807, 0.2748

Square

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



15.9104, 0.3103, 0.3799



15.9104, 0.2504, 0.2948



15.9104, 0.3123, 0.2845



15.9104, 0.3792, 0.3580

Rectangle

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



15.9104, 0.3103, 0.3799



15.9104, 0.2635, 0.3335



15.9104, 0.3123, 0.2845



15.9104, 0.3639, 0.3216

Sweetspot

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



15.9111, 0.3103, 0.3799



30.7040, 0.3120, 0.3436



17.3149, 0.3407, 0.3753



7.0400, 0.3120, 0.3448



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9111, 0.3103, 0.3799



27.7830, 0.3096, 0.3945



16.1331, 0.2973, 0.3539



4.0983, 0.3117, 0.3508



14.0178, 0.3000, 0.5999



68.3096, 0.3000, 0.6000

Inverse Universe

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



13.0673, 0.3149, 0.2829



21.6265, 0.3155, 0.2712



12.8133, 0.3315, 0.3053



3.7579, 0.3137, 0.3081



5.5790, 0.3212, 0.1543



27.1861, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 15.9104, 0.3103, 0.3799 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 15.9104, 0.3103, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

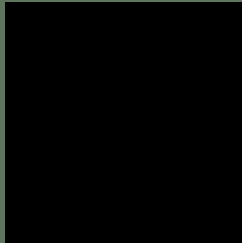
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9104, 0.3103, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 15.9104, 0.3103, 0.3799.



This preview shows how white text looks on a background with the Yxy color 15.9104, 0.3103, 0.3799.

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

15.9104, 0.3103, 0.3799

Protanopia

15.9061, 0.3467, 0.3699

Deuteranopia

15.8719, 0.3561, 0.3506



Tritanopia

15.8680, 0.2848, 0.3103

Trichromacy



Original Color

15.9104, 0.3103, 0.3799

Protanomaly

15.8342, 0.3335, 0.3733

Deuteranomaly

15.8399, 0.3386, 0.3619

Tritanomaly

15.7459, 0.2936, 0.3332

Monochromacy



Original Color

15.9104, 0.3103, 0.3799

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.1530, 0.3118, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9104, 0.3103, 0.3799 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, 117, 94) looks like.

```
.text, #text, p{  
    color:rgb(94, 117, 94)  
}
```

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, 117, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 117, 94) }
```

Border

The CSS property to change the border of an element to Yxy 15.9104, 0.3103, 0.3799 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, 117, 94) }
```

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

```
.border{ border-color:rgb(94, 117, 94) }
```

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

Here you see how a box with a 4 pixel rgb(94, 117, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 117, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 117, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 117,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9104, 0.3103, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 117, 94) }
```

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

```
.background{ background-color: rgb(94, 117,  
94) }
```

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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