

Converting Colors

$Y_{xy}(17.1076, 0.3099, 0.3899)$

Have a look what the booklet for
Yxy(17.1076, 0.3099, 0.3899)
contains.

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Color

Yxy(17.1069, 0.3099, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	5E7A5E
RGB	94, 122, 94
RGB Percent	37%, 48%, 37%
CMY	0.6313, 0.5216, 0.6314
CMYK	0.23, 0.00, 0.23, 0.52
HSL	120°, 13%, 42%
HSV	120°, 23%, 48%
XYZ	13.5969, 17.1069, 13.1713
YIQ	110.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

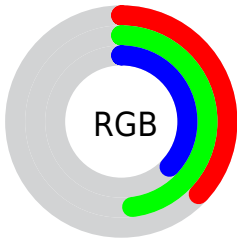
Format	Color
R_{YB}	94, 122, 122
Decimal	6191710
CIE _{Lab}	48.39, -16.06, 12.11
CIE _{LCh}	48, 20.118, 142.983
Yxy	17.1069, 0.3099, 0.3899
Android (android.graphics.Color)	4284381790 (0xFF5E7A5E)
YUV	110.4360, -8.1029, -14.4144
Hunter-Lab	41.3605, -13.7006, 10.0714

Details

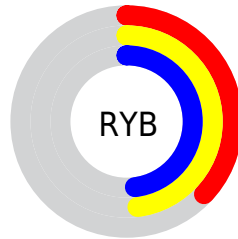
The Yxy color **17.1069, 0.3099, 0.3899** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.5430, 0.3152, 0.2748**, and the grayscale version is **15.7513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6933, 0.3114, 0.3760**, and **5.5828, 0.3067, 0.4188** is the 20% darker color. If you saturate the color by 10%, you get **16.3114, 0.3084, 0.4214**, and if you desaturate by 10%, it is **18.0402, 0.3112, 0.3613**.

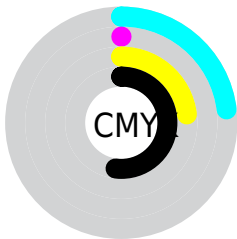
Distribution



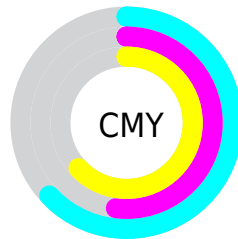
- Red (37%)
- Green (48%)
- Blue (37%)



- Red (37%)
- Yellow (48%)
- Blue (48%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (52%)




- Cyan (63%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1069, 0.3099, 0.3899 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 17.1069, 0.3099, 0.3899 by changing the saturation by 10% instead.


 17.1069, 0.3099,
0.3899


 17.1069, 0.3099,
0.3899


235.7877, 0.3121,
0.3533


 10.3107, 0.3088,
0.4020


 38.5095, 0.3110,
0.3747


 5.6055, 0.3070,
0.4202

 53.8847, 0.3113,
0.3696

 2.6067, 0.3032,
0.4500

 72.8884, 0.3115,
0.3655

 0.9300, 0.3096,
0.5863

 95.9049, 0.3117,
0.3622

 0.0000, 0.0000,
0.0000

123.3187, 0.3118,
0.3594

155.5142, 0.3119,

0.3571

192.8757, 0.3120,
0.3551

■ 17.1069, 0.3099,
0.3899

■ 17.1069, 0.3099,
0.3899

■ 16.3114, 0.3084,
0.4214

■ 18.0402, 0.3112,
0.3613

■ 15.6451, 0.3069,
0.4550

■ 19.1151, 0.3124,
0.3359

■ 15.1019, 0.3053,
0.4893

■ 20.3379, 0.3134,
0.3137

■ 14.6742, 0.3037,
0.5224

■ 21.7139, 0.3143,
0.2943

■ 14.3536, 0.3023,
0.5518

■ 23.2482, 0.3151,
0.2777

■ 14.1308, 0.3012,
0.5752

■ 24.9455, 0.3157,
0.2633

■ 13.9941, 0.3005,
0.5909

■ 26.8106, 0.3163,
0.2509

■ 13.9200, 0.3000,
0.6000

■ 28.8477, 0.3168,
0.2402

■ 31.0612, 0.3172,
0.2310

Harmonies

Analogous

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



17.1069, 0.3486, 0.3997



17.1069, 0.3099, 0.3899



17.1069, 0.2735, 0.3600

Triad

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



17.1069, 0.3099, 0.3899



17.1069, 0.2492, 0.2693



17.1069, 0.3811, 0.3303

Complementary

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



17.1069, 0.3099, 0.3899



13.5430, 0.3152, 0.2748

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.



17.1069, 0.3512, 0.3000



17.1069, 0.3099, 0.3899



17.1069, 0.2746, 0.2657

Square

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



17.1069, 0.3099, 0.3899



17.1069, 0.2400, 0.2886



17.1069, 0.3116, 0.2770



17.1069, 0.3912, 0.3621

Rectangle

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



17.1069, 0.3099, 0.3899



17.1069, 0.2552, 0.3344



17.1069, 0.3116, 0.2770



17.1069, 0.3729, 0.3197

Sweetspot

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



17.1076, 0.3099, 0.3899



32.8028, 0.3119, 0.3462



18.7501, 0.3458, 0.3826



7.4827, 0.3119, 0.3472



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



17.1076, 0.3099, 0.3899



29.2687, 0.3091, 0.4076



17.3706, 0.2953, 0.3598



4.4502, 0.3117, 0.3511



14.6556, 0.3000, 0.6000



69.9058, 0.3000, 0.6000

Inverse Universe

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



13.5430, 0.3152, 0.2748



21.7426, 0.3158, 0.2612



13.2329, 0.3348, 0.3002



4.0773, 0.3137, 0.3079



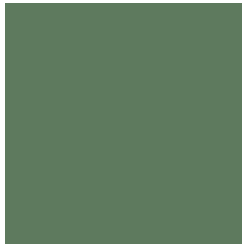
5.8241, 0.3206, 0.1540



27.7785, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 17.1069, 0.3099, 0.3899 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 17.1069, 0.3099, 0.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

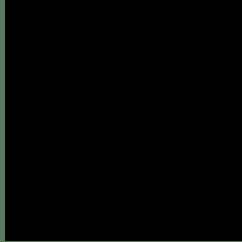
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1069, 0.3099, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 17.1069, 0.3099, 0.3899.



This preview shows how white text looks on a background with the Yxy color 17.1069, 0.3099, 0.3899.

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

17.1069, 0.3099, 0.3899

Protanopia

16.9104, 0.3539, 0.3766

Deuteranopia

16.9019, 0.3620, 0.3556



Tritanopia

17.1985, 0.2813, 0.3108

Trichromacy



Original Color

17.1069, 0.3099, 0.3899

Protanomaly

16.9227, 0.3376, 0.3826

Deuteranomaly

16.7124, 0.3419, 0.3673

Tritanomaly

17.0281, 0.2917, 0.3373

Monochromacy



Original Color

17.1069, 0.3099, 0.3899

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.9772, 0.3117, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1069, 0.3099, 0.3899 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, 122, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 122, 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, 122, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 122, 94) }
```

Border

The CSS property to change the border of an element to Yxy 17.1069, 0.3099, 0.3899 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, 122, 94) }
```

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

```
.border{ border-color:rgb(94, 122, 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, 122, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 122, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 122, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 122,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1069, 0.3099, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 122, 94) }
```

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

```
.background{ background-color: rgb(94, 122,  
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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