

Converting Colors

$Yxy(16.9247, 0.3095, 0.4216)$

Have a look what the booklet for
Yxy(16.9247, 0.3095, 0.4216)
contains.

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Color

Yxy(16.9247, 0.3095, 0.4216)

Conversions

Conversions Part 1

Format	Color
Hex	547C53
RGB	84, 124, 83
RGB Percent	33%, 49%, 33%
CMY	0.6706, 0.5137, 0.6745
CMYK	0.32, 0.00, 0.33, 0.51
HSL	119°, 20%, 41%
HSV	119°, 33%, 49%
XYZ	12.4246, 16.9247, 10.7947
YIQ	107.3660, -10.6790, -21.2310

Conversions

Conversions Part 2

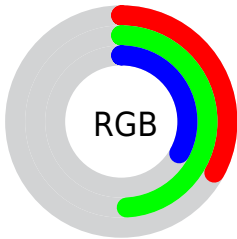
Format	Color
R_{YB}	83, 124, 123
Decimal	5536851
CIE _{Lab}	48.17, -22.82, 18.06
CIE _{LCh}	48, 29.102, 141.631
Yxy	16.9247, 0.3095, 0.4216
Android (android.graphics.Color)	4283726931 (0xFF547C53)
YUV	107.3660, -12.0124, -20.4920
Hunter-Lab	41.1396, -18.0857, 13.2405

Details

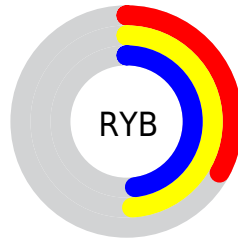
The Yxy color **16.9247, 0.3095, 0.4216** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.8530, 0.3149, 0.2505**, and the grayscale version is **14.8461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2886, 0.3112, 0.3979**, and **5.5408, 0.3045, 0.4716** is the 20% darker color. If you saturate the color by 10%, you get **16.2398, 0.3082, 0.4551**, and if you desaturate by 10%, it is **17.7417, 0.3107, 0.3902**.

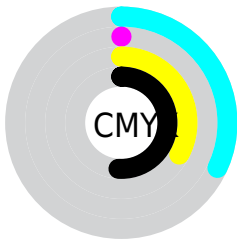
Distribution



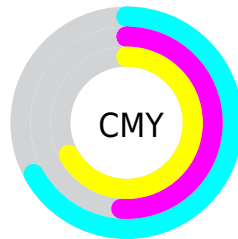
- Red (33%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (48%)



- Cyan (32%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)




- Cyan (67%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9247, 0.3095, 0.4216 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 16.9247, 0.3095, 0.4216 by changing the saturation by 10% instead.


 16.9247, 0.3095,
0.4216


 16.9247, 0.3095,
0.4216


234.7381, 0.3127,
0.3653


 10.1808, 0.3076,
0.4406


 38.1963, 0.3113,
0.3979


 5.5190, 0.3041,
0.4692

 53.4927, 0.3117,
0.3901

 2.5549, 0.2962,
0.5164

 72.4089, 0.3120,
0.3839

 0.9040, 0.2505,
0.7495

 95.3290, 0.3122,
0.3788

 0.0000, 0.0000,
0.0000

 122.6376, 0.3124,
0.3746

154.7191, 0.3125,

0.3710

191.9578, 0.3126,
0.3679

■ 16.9247, 0.3095,
0.4216

■ 16.9247, 0.3095,
0.4216

■ 16.2398, 0.3082,
0.4551

■ 17.7417, 0.3107,
0.3902

■ 15.6782, 0.3067,
0.4893

■ 18.6950, 0.3117,
0.3616

■ 15.2331, 0.3052,
0.5222


■ 19.7912, 0.3125,
0.3362

■ 14.8963, 0.3037,
0.5515

■ 21.0358, 0.3132,
0.3138


■ 14.6586, 0.3023,
0.5749

■ 22.4342, 0.3137,
0.2944


 14.5091, 0.3012,
0.5906

 23.9912, 0.3142,
0.2776

 14.4359, 0.3008,
0.5993

 25.7116, 0.3146,
0.2631

 27.6001, 0.3149,
0.2506

 29.6610, 0.3151,
0.2398

Harmonies

Analogous

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



16.9247, 0.3648, 0.4322



16.9247, 0.3095, 0.4216



16.9247, 0.2577, 0.3771

Triad

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



16.9247, 0.3095, 0.4216



16.9247, 0.2220, 0.2447



16.9247, 0.4110, 0.3269

Complementary

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



16.9247, 0.3095, 0.4216



11.8530, 0.3149, 0.2505

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.



16.9247, 0.3657, 0.2859



16.9247, 0.3095, 0.4216



16.9247, 0.2558, 0.2401

Square

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



16.9247, 0.3095, 0.4216



16.9247, 0.2105, 0.2712



16.9247, 0.3076, 0.2551



16.9247, 0.4266, 0.3712

Rectangle

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



16.9247, 0.3095, 0.4216



16.9247, 0.2319, 0.3382



16.9247, 0.3076, 0.2551



16.9247, 0.3986, 0.3125

Sweetspot

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



16.9254, 0.3095, 0.4216



33.4166, 0.3119, 0.3541



18.9860, 0.3609, 0.4052



7.8193, 0.3118, 0.3572



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



16.9254, 0.3095, 0.4216



28.8133, 0.3085, 0.4479



17.2172, 0.2888, 0.3773



4.4542, 0.3120, 0.3510



14.6742, 0.3008, 0.5993



69.9434, 0.3003, 0.5997

Inverse Universe

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



11.8530, 0.3149, 0.2505



18.3780, 0.3152, 0.2323



11.4887, 0.3466, 0.2854



4.0728, 0.3134, 0.3079



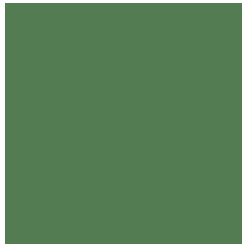
5.6107, 0.3151, 0.1509



26.7069, 0.3148, 0.1508

Previews

White Background



This preview shows how the Yxy color 16.9247, 0.3095, 0.4216 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 16.9247, 0.3095, 0.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

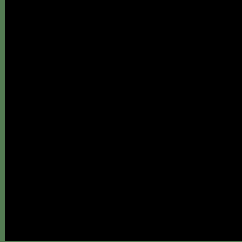
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9247, 0.3095, 0.4216

Background



This preview shows how black text looks on a background with the Yxy color 16.9247, 0.3095, 0.4216.



This preview shows how white text looks on a background with the Yxy color 16.9247, 0.3095, 0.4216.

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

16.9247, 0.3095, 0.4216

Protanopia

16.8101, 0.3694, 0.3981

Deuteranopia

16.6775, 0.3791, 0.3724



Tritanopia

16.7907, 0.2715, 0.3083

Trichromacy



Original Color

16.9247, 0.3095, 0.4216

Protanomaly

16.7873, 0.3463, 0.4085

Deuteranomaly

16.4035, 0.3518, 0.3883

Tritanomaly

16.7266, 0.2848, 0.3462

Monochromacy



Original Color

16.9247, 0.3095, 0.4216

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.3447, 0.3125, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9247, 0.3095, 0.4216 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(84, 124, 83)` looks like.

```
.text, #text, p{  
    color:rgb(84, 124, 83)  
}
```

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(84, 124, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 124, 83) }
```

Border

The CSS property to change the border of an element to Yxy 16.9247, 0.3095, 0.4216 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(84, 124, 83) }
```

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

```
.border{ border-color:rgb(84, 124, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 124, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 124, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 124, 83);  
box-shadow:4px 4px 4px 4px rgb(84, 124,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9247, 0.3095, 0.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 124, 83) }
```

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

```
.background{ background-color: rgb(84, 124,  
83) }
```

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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