

Converting Colors

$Y_{xy}(14.9060, 0.2904, 0.3847)$

Have a look what the booklet for
Yxy(14.9060, 0.2904, 0.3847)
contains.

Yxy(14.8176, 0.2899, 0.3834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.8176, 0.2899, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	4C745D
RGB	76, 116, 93
RGB Percent	30%, 45%, 36%
CMY	0.7018, 0.5451, 0.6353
CMYK	0.34, 0.00, 0.20, 0.55
HSL	145°, 21%, 38%
HSV	145°, 34%, 45%
XYZ	11.2040, 14.8176, 12.6263
YIQ	101.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

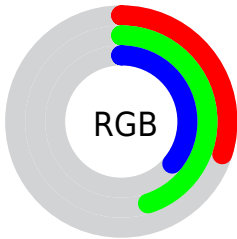
Format	Color
RYB	76, 104, 116
Decimal	5010525
CIELab	45.38, -19.42, 8.30
CIELCh	45, 21.125, 156.852
Yxy	14.8176, 0.2899, 0.3834
Android (android.graphics.Color)	4283200605 (0xFF4C745D)
YUV	101.4180, -4.1501, -22.2916
Hunter-Lab	38.4936, -15.4094, 7.4979

Details

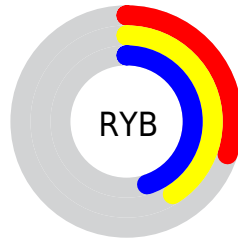
The Yxy color **14.8176, 0.2899, 0.3834** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.7884, 0.3451, 0.2805**, and the grayscale version is **13.1442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4241, 0.2959, 0.3695**, and **4.6007, 0.2780, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **14.2717, 0.2844, 0.4026**, and if you desaturate by 10%, it is **15.4607, 0.2961, 0.3657**.

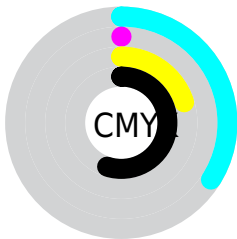
Distribution



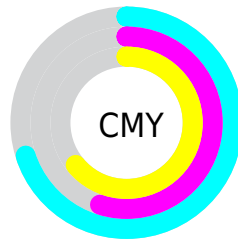
- Red (30%)
- Green (45%)
- Blue (36%)



- Red (30%)
- Yellow (41%)
- Blue (45%)



- Cyan (34%)
- Magenta (0%)
- Yellow (20%)
- Black (55%)





- Cyan (70%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8176, 0.2899, 0.3834 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 14.8176, 0.2899, 0.3834 by changing the saturation by 10% instead.


 14.8176, 0.2899,
0.3834


 14.8176, 0.2899,
0.3834


222.2595, 0.3039,
0.3501


 8.6915, 0.2850,
0.3949


 34.5329, 0.2959,
0.3693


 4.5405, 0.2775,
0.4126

 48.8908, 0.2978,
0.3647


 1.9803, 0.2645,
0.4430

 66.7615, 0.2994,
0.3610

 0.5960, 0.1220,
0.7877

 88.5293, 0.3006,
0.3580

 0.0000, 0.0000,
0.0000

 114.5786, 0.3017,
0.3555

145.2938, 0.3025,

0.3534

181.0593, 0.3033,
0.3516

■ 14.8176, 0.2899,
0.3834

■ 14.8176, 0.2899,
0.3834

■ 14.2717, 0.2844,
0.4026

■ 15.4607, 0.2961,
0.3657

■ 13.8164, 0.2798,
0.4230

■ 16.2038, 0.3028,
0.3495

■ 13.4469, 0.2765,
0.4442

■ 17.0516, 0.3096,
0.3350

■ 13.1573, 0.2748,
0.4657

■ 18.0081, 0.3166,
0.3220

■ 12.9411, 0.2747,
0.4869

■ 19.0772, 0.3234,
0.3104

■ 12.7880, 0.2763,
0.5071

■ 20.2623, 0.3300,
0.3003

■ 12.7136, 0.2772,
0.5179

■ 21.5669, 0.3365,
0.2913

■ 22.9943, 0.3426,
0.2835

■ 24.5477, 0.3484,
0.2766

Harmonies

Analogous

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



14.8176, 0.3326, 0.4055



14.8176, 0.2899, 0.3834



14.8176, 0.2549, 0.3436

Triad

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



14.8176, 0.2899, 0.3834



14.8176, 0.2539, 0.2597



14.8176, 0.3964, 0.3463

Complementary

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



14.8176, 0.2899, 0.3834



9.7884, 0.3451, 0.2805

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.



14.8176, 0.3725, 0.3117



14.8176, 0.2899, 0.3834



14.8176, 0.2884, 0.2637

Square

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



14.8176, 0.2899, 0.3834



14.8176, 0.2354, 0.2726



14.8176, 0.3320, 0.2824



14.8176, 0.3957, 0.3794

Rectangle

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



14.8176, 0.2899, 0.3834



14.8176, 0.2401, 0.3152



14.8176, 0.3320, 0.2824



14.8176, 0.3910, 0.3346

Sweetspot

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



14.8182, 0.2899, 0.3834



29.0879, 0.3056, 0.3432



15.6843, 0.3385, 0.4169



6.9004, 0.3049, 0.3449



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.



14.8182, 0.2899, 0.3834



25.3057, 0.2856, 0.3978



15.2126, 0.2696, 0.3364



4.1216, 0.3065, 0.3415



14.2652, 0.2775, 0.5189



69.3519, 0.2801, 0.5285

Inverse Universe

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



9.7884, 0.3451, 0.2805



15.0944, 0.3549, 0.2696



9.4568, 0.3818, 0.3220



3.7329, 0.3195, 0.3169



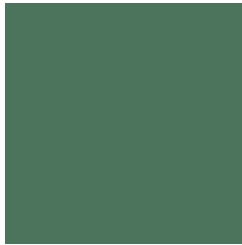
4.6145, 0.4581, 0.2297



22.3128, 0.4675, 0.2349

Previews

White Background



This preview shows how the Yxy color 14.8176, 0.2899, 0.3834 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 14.8176, 0.2899, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

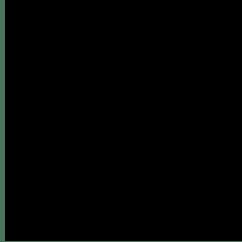
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8176, 0.2899, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 14.8176, 0.2899, 0.3834.



This preview shows how white text looks on a background with the Yxy color 14.8176, 0.2899, 0.3834.

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

14.8176, 0.2899, 0.3834

Protanopia

14.7307, 0.3465, 0.3691

Deuteranopia

14.6100, 0.3488, 0.3433



Tritanopia

14.7627, 0.2665, 0.3091

Trichromacy



Original Color

14.8176, 0.2899, 0.3834

Protanomaly

14.5994, 0.3242, 0.3734

Deuteranomaly

14.5546, 0.3253, 0.3572

Tritanomaly

14.6634, 0.2747, 0.3334

Monochromacy



Original Color

14.8176, 0.2899, 0.3834

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.4652, 0.3036, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8176, 0.2899, 0.3834 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(76, 116, 93)` looks like.

```
.text, #text, p{  
    color:rgb(76, 116, 93)  
}
```

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(76, 116, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 116, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.8176, 0.2899, 0.3834 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(76, 116, 93) }
```

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

```
.border{ border-color:rgb(76, 116, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 116, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 116, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 116, 93);  
box-shadow:4px 4px 4px 4px rgb(76, 116,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8176, 0.2899, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 116, 93) }
```

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

```
.background{ background-color: rgb(76, 116,  
93) }
```

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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