

Converting Colors

$Y_{xy}(15.1121, 0.2550, 0.4012)$

Have a look what the booklet for
Yxy(15.1121, 0.2550, 0.4012)
contains.

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Color

Yxy(15.0343, 0.2547, 0.3999)

Conversions

Conversions Part 1

Format	Color
Hex	207A5E
RGB	32, 122, 94
RGB Percent	13%, 48%, 37%
CMY	0.8745, 0.5216, 0.6314
CMYK	0.74, 0.00, 0.23, 0.52
HSL	161°, 58%, 30%
HSV	161°, 74%, 48%
XYZ	9.5755, 15.0343, 12.9854
YIQ	91.8980, -44.6520, -27.7880

Conversions

Conversions Part 2

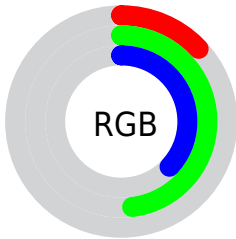
Format	Color
R_{YB}	32, 85, 122
Decimal	2128478
CIE _{Lab}	45.68, -33.21, 7.90
CIE _{LCh}	46, 34.140, 166.618
Yxy	15.0343, 0.2547, 0.3999
Android (android.graphics.Color)	4280318558 (0xFF207A5E)
YUV	91.8980, 1.0363, -52.5305
Hunter-Lab	38.7741, -23.7731, 7.2858

Details

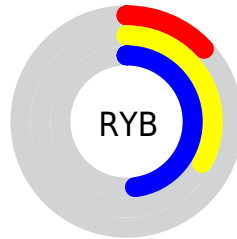
The Yxy color **15.0343, 0.2547, 0.3999** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5.4977, 0.4750, 0.2790**, and the grayscale version is **10.6838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8472, 0.2694, 0.3819**, and **4.8481, 0.2527, 0.4298** is the 20% darker color. If you saturate the color by 10%, you get **14.8079, 0.2527, 0.4113**, and if you desaturate by 10%, it is **15.3376, 0.2585, 0.3886**.

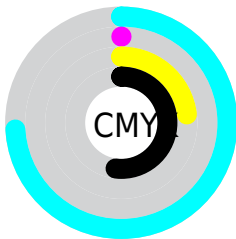
Distribution



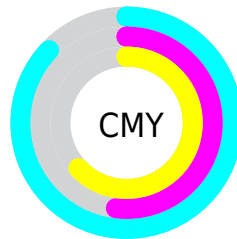
- Red (13%)
- Green (48%)
- Blue (37%)



- Red (13%)
- Yellow (33%)
- Blue (48%)



- Cyan (74%)
- Magenta (0%)
- Yellow (23%)
- Black (52%)





- Cyan (87%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0343, 0.2547, 0.3999 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 15.0343, 0.2547, 0.3999 by changing the saturation by 10% instead.


 15.0343, 0.2547,
0.3999


 15.0343, 0.2547,
0.3999


223.5737, 0.2897,
0.3564


 8.8435, 0.2430,
0.4150


 34.9133, 0.2693,
0.3814


 4.6392, 0.2255,
0.4381

 49.3703, 0.2742,
0.3754


 2.0372, 0.1968,
0.4777

 67.3515, 0.2781,
0.3706

 0.6289, 0.0000,
0.8261

 89.2412, 0.2812,
0.3667

 0.0000, 0.0000,
0.0000

 115.4239, 0.2839,
0.3634

 146.2840, 0.2861,

0.3607

182.2058, 0.2880,
0.3584

■ 15.0343, 0.2547,
0.3999

■ 15.0343, 0.2547,
0.3999

■ 14.8079, 0.2527,
0.4113

■ 15.3376, 0.2585,
0.3886

■ 14.6471, 0.2525,
0.4227

■ 15.7234, 0.2640,
0.3777

■ 14.5602, 0.2527,
0.4298

■ 16.1985, 0.2710,
0.3671

■ 16.7686, 0.2792,
0.3572

■ 17.4391, 0.2884,
0.3480

■ 18.2147, 0.2983,
0.3395

■ 19.1001, 0.3087,
0.3317

■ 20.0994, 0.3194,
0.3247

■ 21.2166, 0.3301,
0.3185

Harmonies

Analogous

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



15.0343, 0.3185, 0.4496



15.0343, 0.2547, 0.3999



15.0343, 0.2096, 0.3270

Triad

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



15.0343, 0.2547, 0.3999



15.0343, 0.2357, 0.2225



15.0343, 0.4510, 0.3683

Complementary

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



15.0343, 0.2547, 0.3999



5.4977, 0.4750, 0.2790

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.



15.0343, 0.4258, 0.3163



15.0343, 0.2547, 0.3999



15.0343, 0.2942, 0.2369

Square

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



15.0343, 0.2547, 0.3999



15.0343, 0.2006, 0.2310



15.0343, 0.3654, 0.2700



15.0343, 0.4339, 0.4181

Rectangle

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



15.0343, 0.2547, 0.3999



15.0343, 0.1944, 0.2835



15.0343, 0.3654, 0.2700



15.0343, 0.4474, 0.3507

Sweetspot

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



15.0349, 0.2547, 0.3999



30.8375, 0.2896, 0.3469



15.0005, 0.3267, 0.5377



6.9901, 0.2876, 0.3487



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.



15.0349, 0.2547, 0.3999



25.8326, 0.2524, 0.4197



11.9185, 0.2227, 0.2882



4.4922, 0.3032, 0.3357



15.3275, 0.2528, 0.4301



72.9552, 0.2544, 0.4359

Inverse Universe

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



5.4977, 0.4750, 0.2790



8.0313, 0.5344, 0.2828



6.3978, 0.5240, 0.3580



4.0337, 0.3233, 0.3224



4.5019, 0.5639, 0.2880



21.3378, 0.5770, 0.2952

Previews

White Background



This preview shows how the Yxy color 15.0343, 0.2547, 0.3999 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 15.0343, 0.2547, 0.3999 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 15.0343, 0.2547, 0.3999

Background



This preview shows how black text looks on a background with the Yxy color 15.0343, 0.2547, 0.3999.



This preview shows how white text looks on a background with the Yxy color 15.0343, 0.2547, 0.3999.

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

15.0343, 0.2547, 0.3999

Protanopia

14.7809, 0.3494, 0.3711

Deuteranopia

14.8474, 0.3456, 0.3412



Tritanopia

15.1176, 0.2351, 0.3083

Trichromacy



Original Color

15.0343, 0.2547, 0.3999

Protanomaly

14.2113, 0.3026, 0.3807

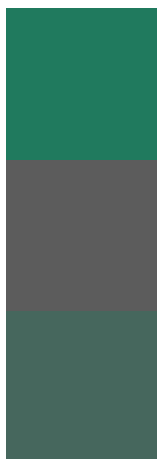
Deuteranomaly

14.3558, 0.3008, 0.3610

Tritanomaly

14.9237, 0.2414, 0.3383

Monochromacy



Original Color

15.0343, 0.2547, 0.3999

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

11.7929, 0.2810, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0343, 0.2547, 0.3999 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(32, 122, 94)` looks like.

```
.text, #text, p{  
    color:rgb(32, 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(32, 122, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 122, 94) }
```

Border

The CSS property to change the border of an element to Yxy 15.0343, 0.2547, 0.3999 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(32, 122, 94) }
```

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

```
.border{ border-color:rgb(32, 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(32, 122, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 122, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 122, 94);  
box-shadow:4px 4px 4px 4px rgb(32, 122,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0343, 0.2547, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 122, 94) }
```

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

```
.background{ background-color: rgb(32, 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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