

Converting Colors

$Y_{xy}(15.1668, 0.3389, 0.5219)$

Have a look what the booklet for
Yxy(15.1668, 0.3389, 0.5219)
contains.

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Color

Yxy(15.2186, 0.3391, 0.5211)

Conversions

Conversions Part 1

Format	Color
Hex	497924
RGB	73, 121, 36
RGB Percent	29%, 47%, 14%
CMY	0.7137, 0.5255, 0.8589
CMYK	0.40, 0.00, 0.70, 0.53
HSL	94°, 54%, 31%
HSV	94°, 70%, 47%
XYZ	9.9033, 15.2186, 4.0828
YIQ	96.9580, -1.3230, -36.6110

Conversions

Conversions Part 2

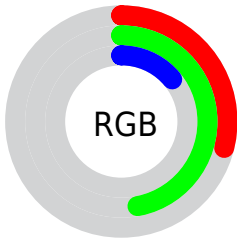
Format	Color
R_{YB}	36, 121, 84
Decimal	4815140
CIE _{Lab}	45.93, -31.67, 39.84
CIE _{LCh}	46, 50.892, 128.483
Yxy	15.2186, 0.3391, 0.5211
Android (android.graphics.Color)	4283005220 (0xFF497924)
YUV	96.9580, -30.0523, -21.0112
Hunter-Lab	39.0110, -22.9553, 21.1025

Details

The Yxy color **15.2186, 0.3391, 0.5211** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.5251, 0.2510, 0.1468**, and the grayscale version is **12.0186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3040, 0.3376, 0.4716**, and **4.7942, 0.3200, 0.5841** is the 20% darker color. If you saturate the color by 10%, you get **14.9051, 0.3378, 0.5438**, and if you desaturate by 10%, it is **15.5878, 0.3386, 0.4947**.

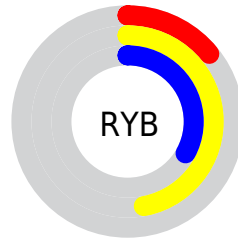
Distribution



Red (29%)

Green (47%)

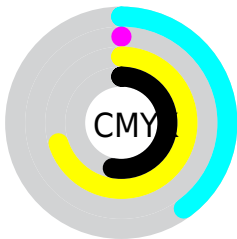
Blue (14%)



Red (14%)

Yellow (47%)

Blue (33%)

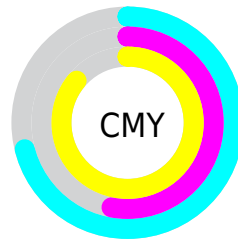


Cyan (40%)

Magenta (0%)

Yellow (70%)

Black (53%)



Cyan (71%)


Magenta (53%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2186, 0.3391, 0.5211 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 15.2186, 0.3391, 0.5211 by changing the saturation by 10% instead.


 15.2186, 0.3391,
0.5211

 15.2186, 0.3391,
0.5211


224.6856, 0.3299,
0.4028


 8.9729, 0.3364,
0.5594


 35.2362, 0.3382,
0.4717


 4.7235, 0.3322,
0.6229

 49.7770, 0.3369,
0.4551


 2.0860, 0.3025,
0.6975

 67.8515, 0.3356,
0.4419

 0.6567, 0.0000,
1.0000

 89.8443, 0.3343,
0.4311

 0.0000, 0.0000,
0.0000

 116.1397, 0.3330,
0.4222

 147.1221, 0.3319,

0.4147

183.1760, 0.3309,
0.4083

15.2186, 0.3391,
0.5211

15.2186, 0.3391,
0.5211

14.9051, 0.3378,
0.5438

15.5878, 0.3386,
0.4947

14.6417, 0.3347,
0.5615

16.0138, 0.3364,
0.4662

14.4239, 0.3308,
0.5756

16.5002, 0.3330,
0.4367

17.0496, 0.3286,
0.4076

17.6646, 0.3236,
0.3797

■ 18.3474, 0.3183,
0.3536

■ 19.1003, 0.3129,
0.3296

■ 19.9253, 0.3075,
0.3078

■ 20.8245, 0.3023,
0.2881

Harmonies

Analogous

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



15.2186, 0.4291, 0.4918



15.2186, 0.3391, 0.5211



15.2186, 0.2472, 0.4671

Triad

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



15.2186, 0.3391, 0.5211



15.2186, 0.1518, 0.1985



15.2186, 0.4598, 0.2881

Complementary

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



15.2186, 0.3391, 0.5211



4.5251, 0.2510, 0.1468

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.



15.2186, 0.3593, 0.2317



15.2186, 0.3391, 0.5211



15.2186, 0.1878, 0.1818

Square

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



15.2186, 0.3391, 0.5211



15.2186, 0.1479, 0.2526



15.2186, 0.2584, 0.1942



15.2186, 0.5113, 0.3544

Rectangle

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



15.2186, 0.3391, 0.5211



15.2186, 0.1975, 0.3918



15.2186, 0.2584, 0.1942



15.2186, 0.4295, 0.2678

Sweetspot

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



15.2193, 0.3391, 0.5211



31.4856, 0.3243, 0.3832



10.3397, 0.4568, 0.4188



7.1430, 0.3254, 0.3891



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.



15.2193, 0.3391, 0.5211



26.4039, 0.3362, 0.5548



14.2050, 0.3000, 0.5359



4.5274, 0.3176, 0.3507



15.4502, 0.3306, 0.5757



73.2140, 0.3270, 0.5786

Inverse Universe

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



4.5251, 0.2510, 0.1468



5.9049, 0.2334, 0.1166



6.6043, 0.3278, 0.1849



3.9947, 0.3074, 0.3075



2.8017, 0.2185, 0.0978



12.8541, 0.2137, 0.0951

Previews

White Background



This preview shows how the Yxy color 15.2186, 0.3391, 0.5211 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 15.2186, 0.3391, 0.5211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

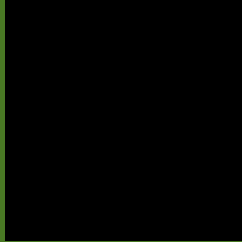
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2186, 0.3391, 0.5211

Background



This preview shows how black text looks on a background with the Yxy color 15.2186, 0.3391, 0.5211.



This preview shows how white text looks on a background with the Yxy color 15.2186, 0.3391, 0.5211.

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

15.2186, 0.3391, 0.5211

Protanopia

15.1120, 0.4209, 0.4667

Deuteranopia

15.0186, 0.4415, 0.4345



Tritanopia

15.1938, 0.2700, 0.3095

Trichromacy



Original Color

15.2186, 0.3391, 0.5211

Protanomaly

14.8688, 0.3899, 0.4871

Deuteranomaly

14.7498, 0.4003, 0.4671

Tritanomaly

14.9954, 0.2978, 0.3874

Monochromacy



Original Color

15.2186, 0.3391, 0.5211

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.8908, 0.3272, 0.4037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2186, 0.3391, 0.5211 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(73, 121, 36)` looks like.

```
.text, #text, p{  
    color:rgb(73, 121, 36)  
}
```

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(73, 121, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 121, 36) }
```

Border

The CSS property to change the border of an element to Yxy 15.2186, 0.3391, 0.5211 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(73, 121, 36) }
```

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

```
.border{ border-color:rgb(73, 121, 36) }
```

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

Here you see how a box with a 4 pixel rgb(73, 121, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 121, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 121, 36);  
box-shadow:4px 4px 4px 4px rgb(73, 121,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2186, 0.3391, 0.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 121, 36) }
```

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

```
.background{ background-color: rgb(73, 121,  
36) }
```

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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