

Converting Colors

$Y_{xy}(15.3178, 0.3691, 0.5451)$

Have a look what the booklet for
Yxy(15.3178, 0.3691, 0.5451)
contains.

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Color

Yxy(15.3178, 0.3691, 0.5451)

Conversions

Conversions Part 1

Format	Color
Hex	547800
RGB	84, 120, 0
RGB Percent	33%, 47%, 0%
CMY	0.6706, 0.5294, 0.9998
CMYK	0.30, 0.00, 1.00, 0.53
HSL	78°, 100%, 24%
HSV	78°, 100%, 47%
XYZ	10.3720, 15.3178, 2.4111
YIQ	95.5560, 17.0640, -44.9520

Conversions

Conversions Part 2

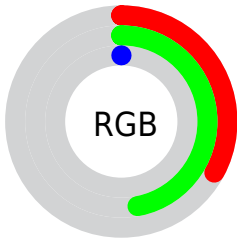
Format	Color
RYB	0, 120, 36
Decimal	5535744
CIELab	46.07, -28.59, 50.85
CIELCh	46, 58.337, 119.350
Yxy	15.3178, 0.3691, 0.5451
Android (android.graphics.Color)	4283725824 (0xFF547800)
YUV	95.5560, -47.1091, -10.1346
Hunter-Lab	39.1380, -21.1867, 23.7441

Details

The Yxy color **15.3178, 0.3691, 0.5451** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.7334, 0.1736, 0.0730**, and the grayscale version is **11.6982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2672, 0.3653, 0.4930**, and **4.8136, 0.3375, 0.5702** is the 20% darker color. If you saturate the color by 10%, you get **15.3178, 0.3691, 0.5451**, and if you desaturate by 10%, it is **15.5156, 0.3706, 0.5339**.

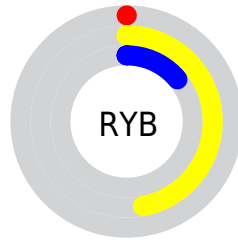
Distribution



Red (33%)

Green (47%)

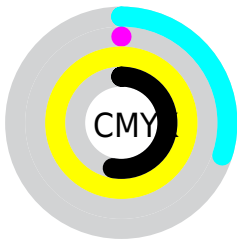
Blue (0%)



Red (0%)

Yellow (47%)

Blue (14%)

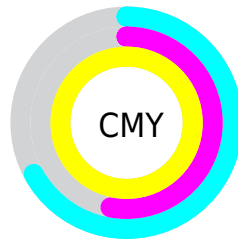


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (67%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.3178, 0.3691, 0.5451 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 15.3178, 0.3691, 0.5451 by changing the saturation by 10% instead.


 15.3178, 0.3691,
0.5451

 15.3178, 0.3691,
0.5451


225.2818, 0.3462,
0.4164


 9.0427, 0.3673,
0.5817


 35.4097, 0.3646,
0.4940


 4.7691, 0.3622,
0.6378

 49.9954, 0.3614,
0.4759

 2.1124, 0.3217,
0.6783


 68.1200, 0.3583,
0.4612

 0.6716, 0.0000,
1.0000

 90.1681, 0.3554,
0.4490


 0.0000, 0.0000,
0.0000


 116.5238, 0.3527,
0.4388

 147.5718, 0.3503,


0.4302

 183.6963, 0.3482,
0.4228


 15.3178, 0.3691,
0.5451

 15.5156, 0.3706,
0.5339

 15.7343, 0.3706,
0.5199

 15.9838, 0.3683,
0.5017

 16.2669, 0.3639,
0.4800

 16.5858, 0.3576,
0.4557

■ 16.9427, 0.3498,
0.4299

■ 17.3395, 0.3410,
0.4036

■ 17.7778, 0.3317,
0.3776

■ 18.2594, 0.3222,
0.3526

Harmonies

Analogous

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



15.3178, 0.4648, 0.4854



15.3178, 0.3691, 0.5451



15.3178, 0.2655, 0.5209

Triad

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



15.3178, 0.3691, 0.5451



15.3178, 0.1304, 0.1954



15.3178, 0.4488, 0.2613

Complementary

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



15.3178, 0.3691, 0.5451



1.7334, 0.1736, 0.0730

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.



15.3178, 0.3273, 0.2056



15.3178, 0.3691, 0.5451



15.3178, 0.1583, 0.1678

Square

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



15.3178, 0.3691, 0.5451



15.3178, 0.1357, 0.2688



15.3178, 0.2228, 0.1729



15.3178, 0.5286, 0.3300

Rectangle

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



15.3178, 0.3691, 0.5451



15.3178, 0.2046, 0.4439



15.3178, 0.2228, 0.1729



15.3178, 0.4097, 0.2407

Sweetspot

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



15.3185, 0.3691, 0.5451



30.4379, 0.3417, 0.4056



5.2573, 0.5896, 0.3700



7.1556, 0.3448, 0.4146



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.



15.3185, 0.3691, 0.5451



26.8677, 0.3679, 0.5461



13.6289, 0.3087, 0.5930



4.5764, 0.3213, 0.3504



16.7018, 0.3689, 0.5453



79.2103, 0.3663, 0.5474

Inverse Universe

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



1.7334, 0.1736, 0.0730



2.9824, 0.1714, 0.0718



3.8447, 0.2726, 0.1276



3.9465, 0.3036, 0.3072



1.8823, 0.1731, 0.0727



8.5850, 0.1686, 0.0702

Previews

White Background



This preview shows how the Yxy color 15.3178, 0.3691, 0.5451 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 15.3178, 0.3691, 0.5451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

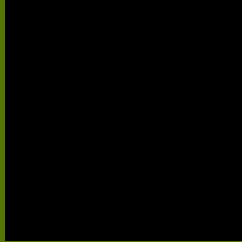
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3178, 0.3691, 0.5451

Background



This preview shows how black text looks on a background with the Yxy color 15.3178, 0.3691, 0.5451.



This preview shows how white text looks on a background with the Yxy color 15.3178, 0.3691, 0.5451.

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

15.3178, 0.3691, 0.5451

Protanopia

15.1482, 0.4400, 0.4888

Deuteranopia

15.0807, 0.4599, 0.4527



Tritanopia

15.4312, 0.2833, 0.3121

Trichromacy



Original Color

15.3178, 0.3691, 0.5451

Protanomaly

15.0615, 0.4134, 0.5099

Deuteranomaly

14.8233, 0.4274, 0.4864

Tritanomaly

15.0586, 0.3289, 0.4180

Monochromacy



Original Color

15.3178, 0.3691, 0.5451

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.7154, 0.3512, 0.4333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3178, 0.3691, 0.5451 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, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(84, 120, 0)  
}
```

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, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 120, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.3178, 0.3691, 0.5451 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, 120, 0) }
```

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

```
.border{ border-color:rgb(84, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(84, 120, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.3178, 0.3691, 0.5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 120, 0) }
```

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

```
.background{ background-color: rgb(84, 120,  
0) }
```

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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