

Converting Colors

$Y_{xy}(19.4299, 0.3688, 0.5453)$

Have a look what the booklet for
Yxy(19.4299, 0.3688, 0.5453)
contains.

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Color

Yxy(19.4299, 0.3688, 0.5453)

Conversions

Conversions Part 1

Format	Color
Hex	5E8600
RGB	94, 134, 0
RGB Percent	37%, 53%, 0%
CMY	0.6314, 0.4745, 0.9996
CMYK	0.30, 0.00, 1.00, 0.47
HSL	78°, 100%, 26%
HSV	78°, 100%, 53%
XYZ	13.1409, 19.4299, 3.0608
YIQ	106.7640, 19.1740, -50.1540

Conversions

Conversions Part 2

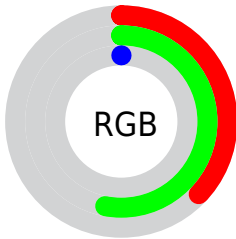
Format	Color
RYB	0, 134, 40
Decimal	6194688
CIELab	51.19, -31.05, 55.03
CIELCh	51, 63.185, 119.438
Yxy	19.4299, 0.3688, 0.5453
Android (android.graphics.Color)	4284384768 (0xFF5E8600)
YUV	106.7640, -52.6347, -11.1940
Hunter-Lab	44.0794, -23.9245, 26.7386

Details

The Yxy color **19.4299, 0.3688, 0.5453** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.1775, 0.1724, 0.0724**, and the grayscale version is **14.7822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2299, 0.3649, 0.4976**, and **6.8121, 0.3405, 0.5678** is the 20% darker color. If you saturate the color by 10%, you get **19.4287, 0.3688, 0.5454**, and if you desaturate by 10%, it is **19.6781, 0.3707, 0.5348**.

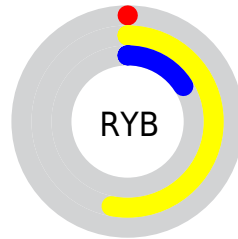
Distribution



Red (37%)

Green (53%)

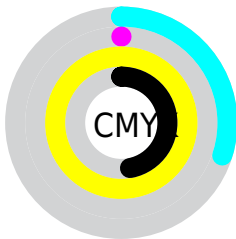
Blue (0%)



Red (0%)

Yellow (53%)

Blue (16%)

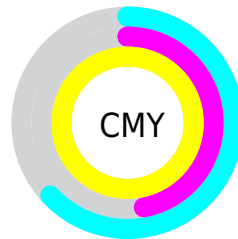


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (63%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.4299, 0.3688, 0.5453 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 19.4299, 0.3688, 0.5453 by changing the saturation by 10% instead.

■ 19.4299, 0.3688,
0.5453

■ 19.4299, 0.3688,
0.5453

■ 248.8119, 0.3474,
0.4207

■ 11.9813, 0.3671,
0.5785

■ 42.4593, 0.3649,
0.4972

■ 6.7310, 0.3664,
0.6336

■ 58.8089, 0.3619,
0.4798

■ 3.2944, 0.3325,
0.6675

■ 78.8942, 0.3590,
0.4654

■ 1.2873, 0.2456,
0.7544

■ 103.0998, 0.3563,
0.4535


■ 0.1313, 0.0000,
1.0000


■ 131.8100, 0.3538,
0.4433


■ 0.0000, 0.0000,
0.0000


■ 165.4091, 0.3514,


0.4347

 204.2816, 0.3493,
0.4272


 19.4299, 0.3688,
0.5453

 19.4299, 0.3688,
0.5453


 19.4287, 0.3688,
0.5454

 19.6781, 0.3707,
0.5348

 19.9549, 0.3709,
0.5211

 20.2712, 0.3687,
0.5031

 20.6306, 0.3643,
0.4813

 21.0364, 0.3580,
0.4569

■ 21.4911, 0.3502,
0.4309

■ 21.9973, 0.3414,
0.4043

■ 22.5574, 0.3319,
0.3780

■ 23.1734, 0.3222,
0.3527

Harmonies

Analogous

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



19.4299, 0.4646, 0.4857



19.4299, 0.3688, 0.5453



19.4299, 0.2652, 0.5208

Triad

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



19.4299, 0.3688, 0.5453



19.4299, 0.1303, 0.1951



19.4299, 0.4492, 0.2615

Complementary

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



19.4299, 0.3688, 0.5453



2.1775, 0.1724, 0.0724

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.



19.4299, 0.3276, 0.2057



19.4299, 0.3688, 0.5453



19.4299, 0.1584, 0.1677

Square

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



19.4299, 0.3688, 0.5453



19.4299, 0.1356, 0.2684



19.4299, 0.2230, 0.1729



19.4299, 0.5289, 0.3302

Rectangle

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



19.4299, 0.3688, 0.5453



19.4299, 0.2043, 0.4436



19.4299, 0.2230, 0.1729



19.4299, 0.4101, 0.2409

Sweetspot

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



19.4308, 0.3688, 0.5453



38.6848, 0.3420, 0.4063



6.4583, 0.5954, 0.3653



8.6418, 0.3453, 0.4158



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.4308, 0.3688, 0.5453



34.1476, 0.3677, 0.5462



17.3146, 0.3093, 0.5926



5.3550, 0.3215, 0.3508



18.2120, 0.3689, 0.5453



0.0669, 0.3935, 0.5258

Inverse Universe

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



2.1775, 0.1724, 0.0724



3.7580, 0.1704, 0.0713



4.7268, 0.2680, 0.1251



4.6070, 0.3035, 0.3069



2.0418, 0.1726, 0.0725



0.0105, 0.2176, 0.0973

Previews

White Background



This preview shows how the Yxy color 19.4299, 0.3688, 0.5453 looks on a white background.

Color Contrast Check

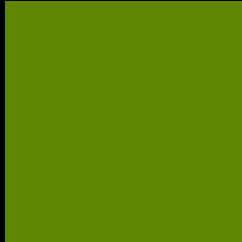
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 19.4299, 0.3688, 0.5453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

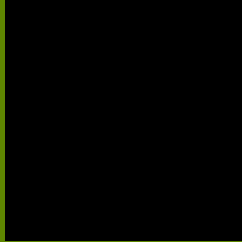
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4299, 0.3688, 0.5453

Background



This preview shows how black text looks on a background with the Yxy color 19.4299, 0.3688, 0.5453.



This preview shows how white text looks on a background with the Yxy color 19.4299, 0.3688, 0.5453.

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

19.4299, 0.3688, 0.5453

Deuteranopia

19.1040, 0.4615, 0.4535

Tritanopia

19.5143, 0.2827, 0.3117

Trichromacy



Original Color

19.4299, 0.3688, 0.5453

Deuteranomaly

18.8620, 0.4283, 0.4875

Tritanomaly

18.9190, 0.3281, 0.4184

Monochromacy



Original Color

19.4299, 0.3688, 0.5453

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.9647, 0.3509, 0.4348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4299, 0.3688, 0.5453 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(94, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 134, 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(94, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 134, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.4299, 0.3688, 0.5453 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(94, 134, 0) }
```

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

```
.border{ border-color:rgb(94, 134, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 134, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(94, 134, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 19.4299, 0.3688, 0.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 134, 0) }
```

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

```
.background{ background-color: rgb(94, 134,  
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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