

Converting Colors

$Y_{xy}(10.5940, 0.5337, 0.3863)$

Have a look what the booklet for
Yxy(10.5940, 0.5337, 0.3863)
contains.

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Color

Yxy(10.5940, 0.5337, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	954419
RGB	149, 68, 25
RGB Percent	58%, 27%, 10%
CMY	0.4157, 0.7333, 0.9019
CMYK	0.00, 0.54, 0.83, 0.42
HSL	21°, 71%, 34%
HSV	21°, 83%, 58%
XYZ	14.6363, 10.5940, 2.1939
YIQ	87.3170, 62.0790, 3.7990

Conversions

Conversions Part 2

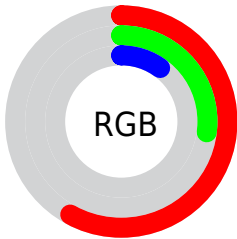
Format	Color
R_{YB}	149, 91, 25
Decimal	9782297
CIE _{Lab}	38.89, 31.41, 40.21
CIE _{LCh}	39, 51.027, 52.003
Yxy	10.5940, 0.5337, 0.3863
Android (android.graphics.Color)	4287972377 (0xFF954419)
YUV	87.3170, -30.7223, 54.0960
Hunter-Lab	32.5484, 23.3079, 18.7874

Details

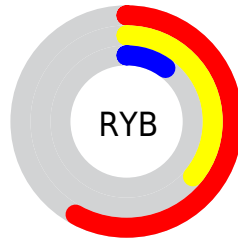
The Yxy color **10.5940, 0.5337, 0.3863** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.6847, 0.2035, 0.2351**, and the grayscale version is **9.6615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8346, 0.4806, 0.3832**, and **2.7756, 0.6034, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **9.4652, 0.5630, 0.3813**, and if you desaturate by 10%, it is **11.9537, 0.5006, 0.3865**.

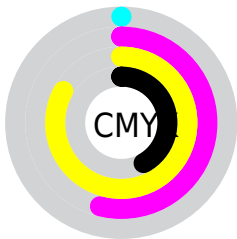
Distribution



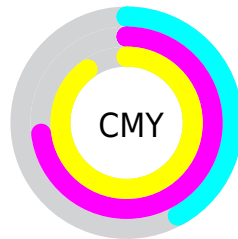
- Red (58%)
- Green (27%)
- Blue (10%)



- Red (58%)
- Yellow (36%)
- Blue (10%)



- Cyan (0%)
- Magenta (54%)
- Yellow (83%)
- Black (42%)




- Cyan (42%)
- Magenta (73%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5940, 0.5337, 0.3863 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 10.5940, 0.5337, 0.3863 by changing the saturation by 10% instead.


 10.5940, 0.5337,
0.3863


 10.5940, 0.5337,
0.3863


194.8606, 0.4013,
0.3644


 5.7945, 0.5722,
0.3834

 26.9069, 0.4809,
0.3829

 2.7206, 0.6268,
0.3732

 39.1892, 0.4623,
0.3799


 0.9876, 0.6725,
0.3275

 54.7345, 0.4472,
0.3768

 0.0000, 1.0000,
0.0000

 73.9272, 0.4347,
0.3739


 0.0000, 0.0000,
0.0000

 97.1518, 0.4243,
0.3712


 124.7926, 0.4154,


0.3687


 157.2341, 0.4078,
0.3664


 10.5940, 0.5337,
0.3863


 10.5940, 0.5337,
0.3863


 9.4652, 0.5630,
0.3813


 11.9537, 0.5006,
0.3865

 8.8155, 0.5813,
0.3766

 13.5565, 0.4666,
0.3828

 15.4152, 0.4339,
0.3761

 17.5414, 0.4040,
0.3678

 19.9459, 0.3775,
0.3586

■ 22.6386, 0.3544,
0.3493

■ 25.6291, 0.3345,
0.3402

■ 28.9265, 0.3176,
0.3316

■ 32.5395, 0.3032,
0.3236

Harmonies

Analogous

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



10.5940, 0.5139, 0.3129



10.5940, 0.5337, 0.3863



10.5940, 0.4833, 0.4654

Triad

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



10.5940, 0.5337, 0.3863



10.5940, 0.1989, 0.4303



10.5940, 0.2043, 0.1702

Complementary

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



10.5940, 0.5337, 0.3863



12.6847, 0.2035, 0.2351

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.



10.5940, 0.1496, 0.1725



10.5940, 0.5337, 0.3863



10.5940, 0.1441, 0.2961

Square

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



10.5940, 0.5337, 0.3863



10.5940, 0.2909, 0.5353



10.5940, 0.1300, 0.2096



10.5940, 0.2988, 0.1963

Rectangle

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



10.5940, 0.5337, 0.3863



10.5940, 0.4262, 0.5146



10.5940, 0.1300, 0.2096



10.5940, 0.1818, 0.1677

Sweetspot

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



10.5946, 0.5337, 0.3863



39.3922, 0.3594, 0.3515



8.1605, 0.4013, 0.2123



8.3873, 0.3666, 0.3544



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



10.5946, 0.5337, 0.3863



15.4818, 0.5848, 0.3739



21.9839, 0.4381, 0.4737



6.1247, 0.3274, 0.3367



7.4714, 0.5801, 0.3776



0.1426, 0.5072, 0.4355

Inverse Universe

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



12.6847, 0.2035, 0.2351



18.9599, 0.1919, 0.2109



4.3056, 0.1698, 0.1076



6.2270, 0.2989, 0.3212



9.1298, 0.1929, 0.2143



0.1670, 0.2089, 0.2722

Previews

White Background



This preview shows how the Yxy color 10.5940, 0.5337, 0.3863 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 10.5940, 0.5337, 0.3863 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 10.5940, 0.5337, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 10.5940, 0.5337, 0.3863.



This preview shows how white text looks on a background with the Yxy color 10.5940, 0.5337, 0.3863.

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

10.5940, 0.5337, 0.3863

Protanopia

10.8112, 0.4163, 0.4613

Deuteranopia

10.7299, 0.4588, 0.4564



Tritanopia

10.6635, 0.4738, 0.3231

Trichromacy



Original Color

10.5940, 0.5337, 0.3863

Protanomaly

10.4224, 0.4612, 0.4316

Deuteranomaly

10.5211, 0.4883, 0.4294

Tritanomaly

10.5126, 0.5015, 0.3495

Monochromacy



Original Color

10.5940, 0.5337, 0.3863

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.4225, 0.3966, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5940, 0.5337, 0.3863 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(149, 68, 25)` looks like.

```
.text, #text, p{  
    color:rgb(149, 68, 25)  
}
```

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(149, 68, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 68, 25) }
```

Border

The CSS property to change the border of an element to Yxy 10.5940, 0.5337, 0.3863 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(149, 68, 25) }
```

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

```
.border{ border-color:rgb(149, 68, 25) }
```

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

Here you see how a box with a 4 pixel rgb(149, 68, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 68, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 68, 25);  
box-shadow:4px 4px 4px 4px rgb(149, 68,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5940, 0.5337, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 68, 25) }
```

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

```
.background{ background-color: rgb(149, 68,  
25) }
```

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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