

Converting Colors

$Y_{xy}(10.8157, 0.5255, 0.4119)$

Have a look what the booklet for
Yxy(10.8157, 0.5255, 0.4119)
contains.

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Color

Yxy(10.8937, 0.5255, 0.4119)

Conversions

Conversions Part 1

Format	Color
Hex	8F4B0A
RGB	143, 75, 10
RGB Percent	56%, 29%, 4%
CMY	0.4392, 0.7059, 0.9610
CMYK	0.00, 0.48, 0.93, 0.44
HSL	29°, 87%, 30%
HSV	29°, 93%, 56%
XYZ	13.8981, 10.8937, 1.6556
YIQ	87.9220, 61.3930, -5.7990

Conversions

Conversions Part 2

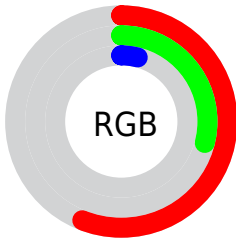
Format	Color
R_{YB}	143, 137, 10
Decimal	9390858
CIE Lab	39.40, 24.62, 45.97
CIE LCh	39, 52.148, 61.829
Yxy	10.8937, 0.5255, 0.4119
Android (android.graphics.Color)	4287580938 (0xFF8F4B0A)
YUV	87.9220, -38.4155, 48.3034
Hunter-Lab	33.0056, 17.4037, 20.1299

Details

The Yxy color **10.8937, 0.5255, 0.4119** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **7.4868, 0.1844, 0.1770**, and the grayscale version is **9.8155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5716, 0.4768, 0.4037**, and **2.8572, 0.5733, 0.3830** is the 20% darker color. If you saturate the color by 10%, you get **10.2105, 0.5409, 0.4087**, and if you desaturate by 10%, it is **11.9884, 0.5021, 0.4141**.

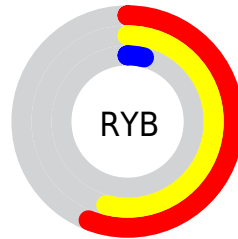
Distribution



Red (56%)

Green (29%)

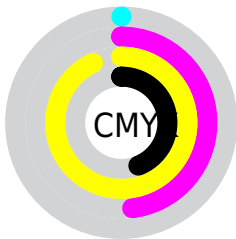
Blue (4%)



Red (56%)

Yellow (54%)

Blue (4%)

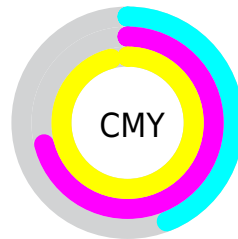


Cyan (0%)

Magenta (48%)

Yellow (93%)

Black (44%)



Cyan (44%)


Magenta (71%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8937, 0.5255, 0.4119 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 10.8937, 0.5255, 0.4119 by changing the saturation by 10% instead.


 10.8937, 0.5255,
0.4119


 10.8937, 0.5255,
0.4119


 196.9368, 0.4011,
0.3760

 5.9954, 0.5625,
0.4147

 27.4634, 0.4776,
0.4037


 2.8423, 0.5982,
0.4018

 39.9037, 0.4601,
0.3986


 1.0500, 0.6359,
0.3641

 55.6266, 0.4457,
0.3939

 0.0000, 1.0000,
0.0000


 75.0168, 0.4337,
0.3895


 0.0000, 0.0000,
0.0000


 98.4585, 0.4236,
0.3855


 126.3361, 0.4150,


0.3820


 159.0341, 0.4076,
0.3788


 10.8937, 0.5255,
0.4119


 10.8937, 0.5255,
0.4119


 10.2105, 0.5409,
0.4087

 11.9884, 0.5021,
0.4141

 13.2315, 0.4759,
0.4113

 14.6312, 0.4487,
0.4044

 16.1945, 0.4218,
0.3944

 17.9279, 0.3964,
0.3826

■ 19.8372, 0.3731,
0.3699

■ 21.9281, 0.3521,
0.3571

■ 24.2059, 0.3336,
0.3445

■ 26.6756, 0.3173,
0.3325

Harmonies

Analogous

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



10.8937, 0.5320, 0.3359



10.8937, 0.5255, 0.4119



10.8937, 0.4578, 0.4919

Triad

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



10.8937, 0.5255, 0.4119



10.8937, 0.1746, 0.3845



10.8937, 0.2299, 0.1744

Complementary

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



10.8937, 0.5255, 0.4119



7.4868, 0.1844, 0.1770

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.



10.8937, 0.1620, 0.1669



10.8937, 0.5255, 0.4119



10.8937, 0.1337, 0.2604

Square

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



10.8937, 0.5255, 0.4119



10.8937, 0.2572, 0.5140



10.8937, 0.1313, 0.1914



10.8937, 0.3373, 0.2093

Rectangle

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



10.8937, 0.5255, 0.4119



10.8937, 0.3947, 0.5354



10.8937, 0.1313, 0.1914



10.8937, 0.2027, 0.1687

Sweetspot

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



10.8943, 0.5255, 0.4119



37.1538, 0.3635, 0.3642



6.6153, 0.4686, 0.2415



8.1918, 0.3719, 0.3692



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



10.8943, 0.5255, 0.4119



17.9446, 0.5440, 0.4063



24.8464, 0.4200, 0.4999



5.8321, 0.3270, 0.3398



9.0700, 0.5401, 0.4093



0.1306, 0.4785, 0.4582

Inverse Universe

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



7.4868, 0.1844, 0.1770



11.7582, 0.1782, 0.1614



2.3141, 0.1548, 0.0687



5.6820, 0.2990, 0.3180



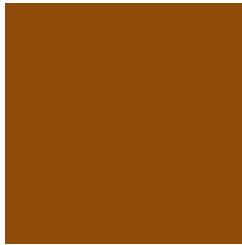
6.0174, 0.1794, 0.1656



0.1016, 0.2004, 0.2415

Previews

White Background



This preview shows how the Yxy color 10.8937, 0.5255, 0.4119 looks on a white background.

Color Contrast Check

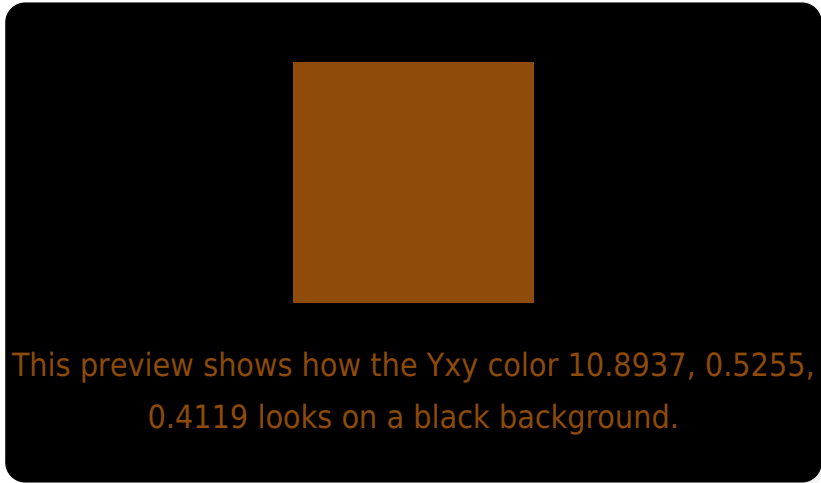
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.8937, 0.5255, 0.4119

Background



This preview shows how black text looks on a background with the Yxy color 10.8937, 0.5255, 0.4119.



This preview shows how white text looks on a background with the Yxy color 10.8937, 0.5255, 0.4119.

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

10.8937, 0.5255, 0.4119

Protanopia

11.0461, 0.4301, 0.4789

Deuteranopia

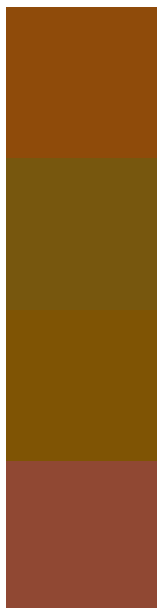
10.9963, 0.4683, 0.4663



Tritanopia

10.9081, 0.4451, 0.3207

Trichromacy



Original Color

10.8937, 0.5255, 0.4119

Protanomaly

10.7700, 0.4667, 0.4530

Deuteranomaly

10.8614, 0.4898, 0.4454

Tritanomaly

10.8030, 0.4858, 0.3640

Monochromacy



Original Color

10.8937, 0.5255, 0.4119

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.7009, 0.3972, 0.3818

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8937, 0.5255, 0.4119 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(143, 75, 10)` looks like.

```
.text, #text, p{  
    color:rgb(143, 75, 10)  
}
```

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(143, 75, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 75, 10) }
```

Border

The CSS property to change the border of an element to Yxy 10.8937, 0.5255, 0.4119 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(143, 75, 10) }
```

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

```
.border{ border-color:rgb(143, 75, 10) }
```

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

Here you see how a box with a 4 pixel rgb(143, 75, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 75, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 75, 10);  
box-shadow:4px 4px 4px 4px rgb(143, 75,  
10) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8937, 0.5255, 0.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 75, 10) }
```

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

```
.background{ background-color: rgb(143, 75,  
10) }
```

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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