

Converting Colors

$Y_{xy}(10.5725, 0.5050, 0.3813)$

Have a look what the booklet for
Yxy(10.5725, 0.5050, 0.3813)
contains.

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Color

Yxy(10.6143, 0.5042, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	8F4826
RGB	143, 72, 38
RGB Percent	56%, 28%, 15%
CMY	0.4392, 0.7176, 0.8508
CMYK	0.00, 0.50, 0.73, 0.44
HSL	19°, 58%, 35%
HSV	19°, 73%, 56%
XYZ	13.9951, 10.6143, 3.1477
YIQ	89.3530, 53.2300, 4.4780

Conversions

Conversions Part 2

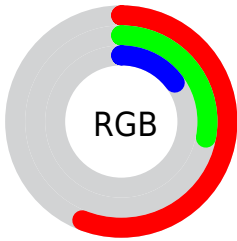
Format	Color
R_{YB}	143, 88, 38
Decimal	9390118
CIE _{Lab}	38.92, 27.29, 33.31
CIE _{LCh}	39, 43.064, 50.676
Yxy	10.6143, 0.5042, 0.3824
Android (android.graphics.Color)	4287580198 (0xFF8F4826)
YUV	89.3530, -25.3170, 47.0484
Hunter-Lab	32.5796, 19.6634, 17.0775

Details

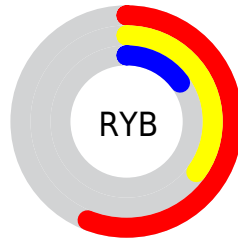
The Yxy color **10.6143, 0.5042, 0.3824** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **13.3390, 0.2138, 0.2539**, and the grayscale version is **10.1220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9925, 0.4555, 0.3761**, and **2.7700, 0.5872, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **9.3858, 0.5382, 0.3818**, and if you desaturate by 10%, it is **12.0762, 0.4692, 0.3791**.

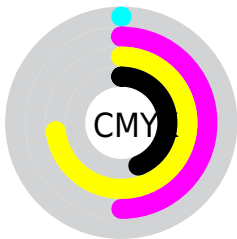
Distribution



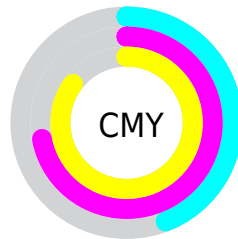
- Red (56%)
- Green (28%)
- Blue (15%)



- Red (56%)
- Yellow (35%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (73%)
- Black (44%)




- Cyan (44%)
- Magenta (72%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6143, 0.5042, 0.3824 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 10.6143, 0.5042, 0.3824 by changing the saturation by 10% instead.


 10.6143, 0.5042,
0.3824


 10.6143, 0.5042,
0.3824


195.0019, 0.3874,
0.3585


 5.8081, 0.5402,
0.3827

 26.9447, 0.4562,
0.3763


 2.7288, 0.6104,
0.3896

 39.2377, 0.4398,
0.3730


 0.9918, 0.6521,
0.3479

 54.7951, 0.4267,
0.3699

 0.0000, 1.0000,
0.0000

 74.0013, 0.4159,
0.3671

 0.0000, 0.0000,
0.0000

 97.2407, 0.4070,
0.3645

 124.8977, 0.3994,

0.3623

157.3566, 0.3930,
0.3603

10.6143, 0.5042,
0.3824

10.6143, 0.5042,
0.3824

9.3858, 0.5382,
0.3818

12.0762, 0.4692,
0.3791

8.3755, 0.5684,
0.3767

13.7821, 0.4358,
0.3730

7.8153, 0.5867,
0.3723

15.7437, 0.4052,
0.3653

17.9716, 0.3783,
0.3568

20.4756, 0.3549,
0.3481

■ 23.2651, 0.3349,
0.3396

■ 26.3489, 0.3179,
0.3316

■ 29.7356, 0.3035,
0.3241

■ 33.4333, 0.2912,
0.3173

Harmonies

Analogous

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



10.6143, 0.4809, 0.3157



10.6143, 0.5042, 0.3824



10.6143, 0.4672, 0.4506

Triad

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



10.6143, 0.5042, 0.3824



10.6143, 0.2196, 0.4183



10.6143, 0.2162, 0.1887

Complementary

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



10.6143, 0.5042, 0.3824



13.3390, 0.2138, 0.2539

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.



10.6143, 0.1677, 0.1931



10.6143, 0.5042, 0.3824



10.6143, 0.1674, 0.3082

Square

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



10.6143, 0.5042, 0.3824



10.6143, 0.3022, 0.5011



10.6143, 0.1514, 0.2300



10.6143, 0.2977, 0.2110

Rectangle

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



10.6143, 0.5042, 0.3824



10.6143, 0.4200, 0.4898



10.6143, 0.1514, 0.2300



10.6143, 0.1963, 0.1870

Sweetspot

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



10.6149, 0.5042, 0.3824



37.1161, 0.3529, 0.3473



8.3484, 0.3832, 0.2158



8.2526, 0.3581, 0.3493



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.



10.6149, 0.5042, 0.3824



15.5974, 0.5583, 0.3791



20.3334, 0.4289, 0.4626



5.6914, 0.3274, 0.3362



6.9454, 0.5858, 0.3730



0.1031, 0.5127, 0.4311

Inverse Universe

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



13.3390, 0.2138, 0.2539



20.5379, 0.2009, 0.2341



5.3496, 0.1845, 0.1364



5.8260, 0.2990, 0.3217



9.3061, 0.1952, 0.2226



0.1291, 0.2102, 0.2767

Previews

White Background



This preview shows how the Yxy color 10.6143, 0.5042, 0.3824 looks on a white background.

Color Contrast Check

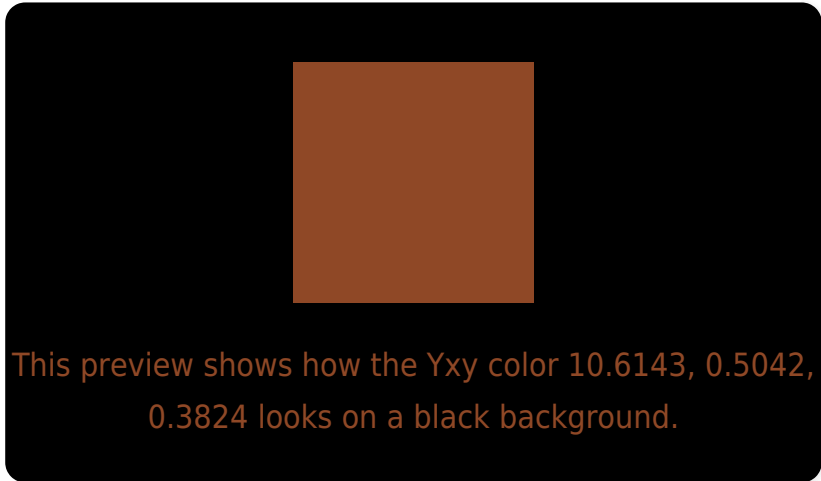
Large Text (above 18pt) WCAG AA ✓ Pass

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

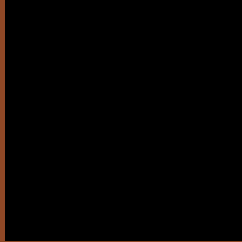
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6143, 0.5042, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 10.6143, 0.5042, 0.3824.



This preview shows how white text looks on a background with the Yxy color 10.6143, 0.5042, 0.3824.

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

10.6143, 0.5042, 0.3824

Protanopia

10.6609, 0.4009, 0.4379

Deuteranopia

10.7398, 0.4409, 0.4365



Tritanopia

10.6350, 0.4509, 0.3208

Trichromacy



Original Color

10.6143, 0.5042, 0.3824

Protanomaly

10.4461, 0.4388, 0.4166

Deuteranomaly

10.5159, 0.4657, 0.4158

Tritanomaly

10.5118, 0.4736, 0.3447

Monochromacy



Original Color

10.6143, 0.5042, 0.3824

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.8799, 0.3816, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6143, 0.5042, 0.3824 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, 72, 38)` looks like.

```
.text, #text, p{  
    color:rgb(143, 72, 38)  
}
```

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, 72, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 72, 38) }
```

Border

The CSS property to change the border of an element to Yxy 10.6143, 0.5042, 0.3824 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, 72, 38) }
```

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

```
.border{ border-color:rgb(143, 72, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 72, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 72, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 72, 38);  
box-shadow:4px 4px 4px 4px rgb(143, 72,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6143, 0.5042, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 72, 38) }
```

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

```
.background{ background-color: rgb(143, 72,  
38) }
```

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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