

Converting Colors

$Y_{xy}(10.8774, 0.5052, 0.4371)$

Have a look what the booklet for
Yxy(10.8774, 0.5052, 0.4371)
contains.

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Color

Yxy(10.8714, 0.5062, 0.4362)

Conversions

Conversions Part 1

Format	Color
Hex	855100
RGB	133, 81, 0
RGB Percent	52%, 32%, 0%
CMY	0.4784, 0.6823, 0.9997
CMYK	0.00, 0.39, 1.00, 0.48
HSL	37°, 100%, 26%
HSV	37°, 100%, 52%
XYZ	12.6160, 10.8714, 1.4356
YIQ	87.3140, 56.9930, -14.1670

Conversions

Conversions Part 2

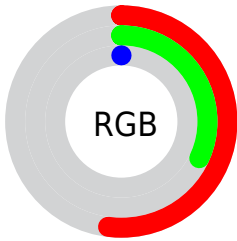
Format	Color
RYB	85, 133, 0
Decimal	8737024
CIELab	39.36, 16.42, 48.21
CIELCh	39, 50.925, 71.190
Yxy	10.8714, 0.5062, 0.4362
Android (android.graphics.Color)	4286927104 (0xFF855100)
YUV	87.3140, -43.0458, 40.0666
Hunter-Lab	32.9718, 10.5988, 20.4988

Details

The Yxy color **10.8714, 0.5062, 0.4362** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.1570, 0.1691, 0.1286**, and the grayscale version is **9.6900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3272, 0.4648, 0.4208**, and **2.8395, 0.5362, 0.4125** is the 20% darker color. If you saturate the color by 10%, you get **10.8673, 0.5063, 0.4362**, and if you desaturate by 10%, it is **11.7051, 0.4892, 0.4374**.

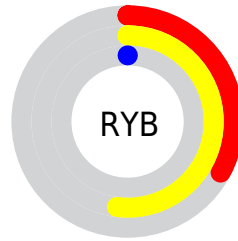
Distribution



Red (52%)

Green (32%)

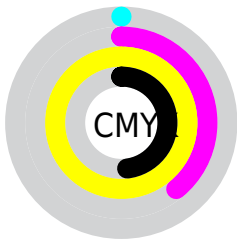
Blue (0%)



Red (33%)

Yellow (52%)

Blue (0%)

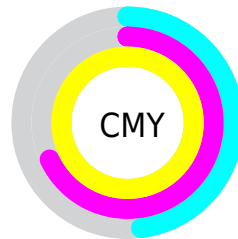


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (48%)



Cyan (48%)


Magenta (68%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8714, 0.5062, 0.4362 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 10.8714, 0.5062, 0.4362 by changing the saturation by 10% instead.


 10.8714, 0.5062,
0.4362

 10.8714, 0.5062,
0.4362


 196.7831, 0.3949,
0.3845


 5.9804, 0.5407,
0.4467

 27.4221, 0.4644,
0.4214


 2.8332, 0.5637,
0.4363

 39.8507, 0.4487,
0.4141


 1.0453, 0.5912,
0.4088

 55.5605, 0.4357,
0.4076

 0.0000, 1.0000,
0.0000

 74.9360, 0.4248,
0.4018

 0.0000, 0.0000,
0.0000

 98.3617, 0.4156,
0.3966

 126.2218, 0.4077,


0.3921


 158.9008, 0.4009,
0.3881

 10.8714, 0.5062,
0.4362


 10.8714, 0.5062,
0.4362


 10.8673, 0.5063,
0.4362

 11.7051, 0.4892,
0.4374

 12.6165, 0.4706,
0.4351

 13.6174, 0.4496,
0.4283

 14.7126, 0.4275,
0.4178

 15.9059, 0.4053,
0.4046

■ 17.2012, 0.3838,
0.3898

■ 18.6017, 0.3635,
0.3742

■ 20.1108, 0.3448,
0.3586

■ 21.7315, 0.3279,
0.3434

Harmonies

Analogous

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



10.8714, 0.5339, 0.3593



10.8714, 0.5062, 0.4362



10.8714, 0.4282, 0.5115

Triad

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



10.8714, 0.5062, 0.4362



10.8714, 0.1602, 0.3409



10.8714, 0.2608, 0.1849

Complementary

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



10.8714, 0.5062, 0.4362



4.1570, 0.1691, 0.1286

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.



10.8714, 0.1813, 0.1688



10.8714, 0.5062, 0.4362



10.8714, 0.1323, 0.2353

Square

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



10.8714, 0.5062, 0.4362



10.8714, 0.2299, 0.4760



10.8714, 0.1401, 0.1825



10.8714, 0.3748, 0.2271

Rectangle

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



10.8714, 0.5062, 0.4362



10.8714, 0.3628, 0.5424



10.8714, 0.1401, 0.1825



10.8714, 0.2298, 0.1765

Sweetspot

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



10.8720, 0.5062, 0.4362



33.1183, 0.3649, 0.3754



5.2478, 0.5311, 0.2700



7.2556, 0.3721, 0.3810



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.



10.8720, 0.5062, 0.4362



19.1484, 0.5087, 0.4343



20.7484, 0.4023, 0.5187



5.1252, 0.3266, 0.3422



10.3668, 0.5061, 0.4364



0.0502, 0.4599, 0.4730

Inverse Universe

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



4.1570, 0.1691, 0.1286



7.1470, 0.1679, 0.1245



1.7836, 0.1546, 0.0626



4.8213, 0.2992, 0.3154



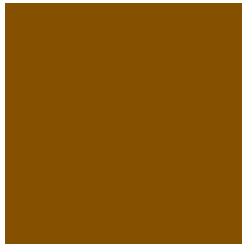
3.9699, 0.1691, 0.1289



0.0272, 0.1919, 0.2108

Previews

White Background



This preview shows how the Yxy color 10.8714, 0.5062, 0.4362 looks on a white background.

Color Contrast Check

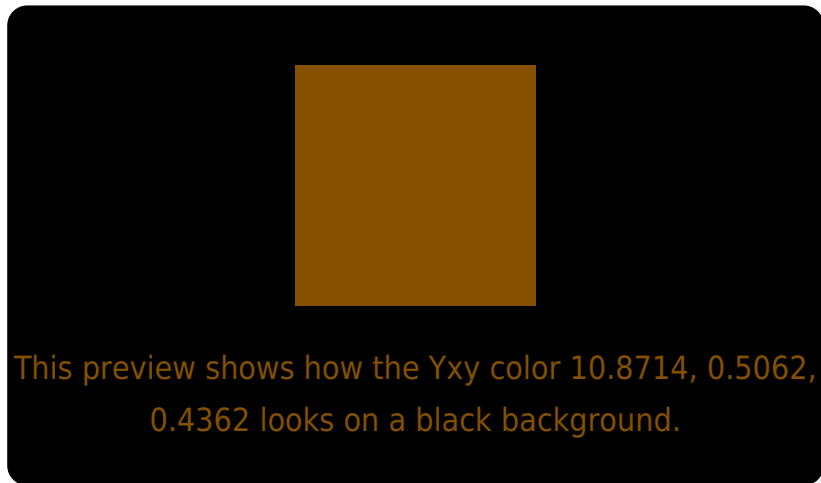
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8714, 0.5062, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 10.8714, 0.5062, 0.4362.



This preview shows how white text looks on a background with the Yxy color 10.8714, 0.5062, 0.4362.

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

10.8714, 0.5062, 0.4362

Protanopia

11.0306, 0.4333, 0.4836

Deuteranopia

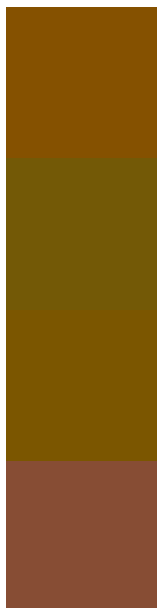
10.9963, 0.4683, 0.4663



Tritanopia

10.8605, 0.4145, 0.3180

Trichromacy



Original Color

10.8714, 0.5062, 0.4362

Protanomaly

10.8027, 0.4607, 0.4662

Deuteranomaly

10.8665, 0.4819, 0.4555

Tritanomaly

10.7066, 0.4640, 0.3745

Monochromacy



Original Color

10.8714, 0.5062, 0.4362

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.7159, 0.3963, 0.3991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8714, 0.5062, 0.4362 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(133, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 81, 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(133, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 81, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.8714, 0.5062, 0.4362 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(133, 81, 0) }
```

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

```
.border{ border-color:rgb(133, 81, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 81, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 81, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.8714, 0.5062, 0.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 81, 0) }
```

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

```
.background{ background-color: rgb(133, 81,  
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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