

Converting Colors

$Y_{xy}(10.9442, 0.4751, 0.4075)$

Have a look what the booklet for
Yxy(10.9442, 0.4751, 0.4075)
contains.

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Color

Yxy(10.9240, 0.4755, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	845125
RGB	132, 81, 37
RGB Percent	52%, 32%, 15%
CMY	0.4824, 0.6823, 0.8549
CMYK	0.00, 0.39, 0.72, 0.48
HSL	28°, 56%, 33%
HSV	28°, 72%, 52%
XYZ	12.7908, 10.9240, 3.1849
YIQ	91.2330, 44.5200, -2.8720

Conversions

Conversions Part 2

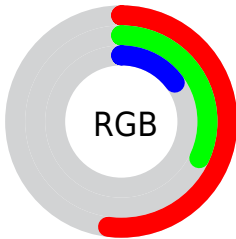
Format	Color
R_{YB}	132, 119, 37
Decimal	8671525
CIE Lab	39.45, 17.21, 33.98
CIE LCh	39, 38.093, 63.144
Yxy	10.9240, 0.4755, 0.4061
Android (android.graphics.Color)	4286861605 (0xFF845125)
YUV	91.2330, -26.7369, 35.7527
Hunter-Lab	33.0515, 11.2390, 17.4227

Details

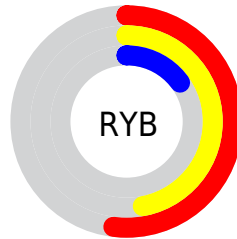
The Yxy color **10.9240, 0.4755, 0.4061** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.0357, 0.2074, 0.2227**, and the grayscale version is **10.5727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6915, 0.4354, 0.3927**, and **2.9240, 0.5399, 0.4095** is the 20% darker color. If you saturate the color by 10%, you get **9.8575, 0.5030, 0.4091**, and if you desaturate by 10%, it is **12.1315, 0.4473, 0.3992**.

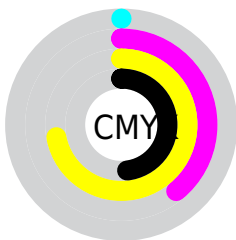
Distribution



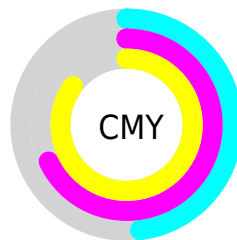
- Red (52%)
- Green (32%)
- Blue (15%)



- Red (52%)
- Yellow (47%)
- Blue (15%)



- Cyan (0%)
- Magenta (39%)
- Yellow (72%)
- Black (48%)




- Cyan (48%)
- Magenta (68%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9240, 0.4755, 0.4061 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 10.9240, 0.4755, 0.4061 by changing the saturation by 10% instead.


 10.9240, 0.4755,
0.4061

 10.9240, 0.4755,
0.4061


197.1454, 0.3770,
0.3657


 6.0158, 0.5053,
0.4130

 27.5195, 0.4353,
0.3924

 2.8547, 0.5669,
0.4331

 39.9756, 0.4215,
0.3867


 1.0563, 0.5954,
0.4046

 55.7165, 0.4104,
0.3819

 0.0000, 1.0000,
0.0000


 75.1264, 0.4013,
0.3777


 0.0000, 0.0000,
0.0000


 98.5899, 0.3937,
0.3740


 126.4913, 0.3873,


0.3709


 159.2150, 0.3818,
0.3681


 10.9240, 0.4755,
0.4061


 10.9240, 0.4755,
0.4061


 9.8575, 0.5030,
0.4091

 12.1315, 0.4473,
0.3992


 8.9234, 0.5280,
0.4073

 13.4845, 0.4198,
0.3896

 8.2581, 0.5471,
0.4038

 14.9891, 0.3941,
0.3783

 16.6506, 0.3708,
0.3663

 18.4739, 0.3500,
0.3541

■ 20.4638, 0.3316,
0.3423

■ 22.6248, 0.3156,
0.3311

■ 24.9612, 0.3017,
0.3206

■ 27.4771, 0.2895,
0.3109

Harmonies

Analogous

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



10.9240, 0.4764, 0.3442



10.9240, 0.4755, 0.4061



10.9240, 0.4279, 0.4622

Triad

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



10.9240, 0.4755, 0.4061



10.9240, 0.2072, 0.3667



10.9240, 0.2542, 0.2082

Complementary

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



10.9240, 0.4755, 0.4061



9.0357, 0.2074, 0.2227

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.



10.9240, 0.1971, 0.2020



10.9240, 0.4755, 0.4061



10.9240, 0.1725, 0.2789

Square

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



10.9240, 0.4755, 0.4061



10.9240, 0.2727, 0.4545



10.9240, 0.1699, 0.2237



10.9240, 0.3368, 0.2378

Rectangle

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



10.9240, 0.4755, 0.4061



10.9240, 0.3800, 0.4855



10.9240, 0.1699, 0.2237



10.9240, 0.2319, 0.2033

Sweetspot

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



10.9246, 0.4755, 0.4061



32.3712, 0.3510, 0.3548



6.9534, 0.4112, 0.2385



7.3621, 0.3555, 0.3575



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.



10.9246, 0.4755, 0.4061



16.3595, 0.5183, 0.4086



20.2788, 0.4111, 0.4772



5.0179, 0.3269, 0.3391



8.0079, 0.5469, 0.4039



0.0421, 0.4831, 0.4546

Inverse Universe

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



9.0357, 0.2074, 0.2227



12.7841, 0.1912, 0.1949



3.6976, 0.1814, 0.1167



4.9277, 0.2992, 0.3187



5.9682, 0.1819, 0.1748



0.0353, 0.2021, 0.2475

Previews

White Background



This preview shows how the Yxy color 10.9240, 0.4755, 0.4061 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 10.9240, 0.4755, 0.4061 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 10.9240, 0.4755, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 10.9240, 0.4755, 0.4061.



This preview shows how white text looks on a background with the Yxy color 10.9240, 0.4755, 0.4061.

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

10.9240, 0.4755, 0.4061

Protanopia

11.1086, 0.4056, 0.4456

Deuteranopia

10.9791, 0.4399, 0.4360



Tritanopia

10.9290, 0.4101, 0.3179

Trichromacy



Original Color

10.9240, 0.4755, 0.4061

Protanomaly

10.8754, 0.4306, 0.4298

Deuteranomaly

10.9205, 0.4532, 0.4240

Tritanomaly

10.9105, 0.4368, 0.3520

Monochromacy



Original Color

10.9240, 0.4755, 0.4061

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.3355, 0.3716, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9240, 0.4755, 0.4061 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(132, 81, 37)` looks like.

```
.text, #text, p{  
    color:rgb(132, 81, 37)  
}
```

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(132, 81, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 81, 37) }
```

Border

The CSS property to change the border of an element to Yxy 10.9240, 0.4755, 0.4061 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(132, 81, 37) }
```

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

```
.border{ border-color:rgb(132, 81, 37) }
```

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

Here you see how a box with a 4 pixel rgb(132, 81, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 81, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 81, 37);  
box-shadow:4px 4px 4px 4px rgb(132, 81,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9240, 0.4755, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 81, 37) }
```

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

```
.background{ background-color: rgb(132, 81,  
37) }
```

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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