

Converting Colors

$Y_{xy}(10.8580, 0.4987, 0.4222)$

Have a look what the booklet for
Yxy(10.8580, 0.4987, 0.4222)
contains.

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Color

Yxy(10.8527, 0.4986, 0.4222)

Conversions

Conversions Part 1

Format	Color
Hex	865013
RGB	134, 80, 19
RGB Percent	53%, 31%, 7%
CMY	0.4746, 0.6862, 0.9254
CMYK	0.00, 0.40, 0.86, 0.47
HSL	32°, 75%, 30%
HSV	32°, 86%, 53%
XYZ	12.8166, 10.8527, 2.0358
YIQ	89.1920, 51.7650, -7.5230

Conversions

Conversions Part 2

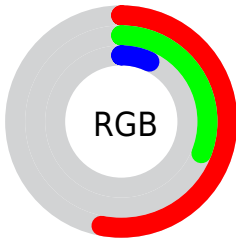
Format	Color
R_{YB}	121, 134, 19
Decimal	8802323
CIE Lab	39.33, 17.90, 42.32
CIE LCh	39, 45.946, 67.070
Yxy	10.8527, 0.4986, 0.4222
Android (android.graphics.Color)	4286992403 (0xFF865013)
YUV	89.1920, -34.6047, 39.2966
Hunter-Lab	32.9434, 11.7940, 19.3964

Details

The Yxy color **10.8527, 0.4986, 0.4222** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.6236, 0.1877, 0.1788**, and the grayscale version is **10.1052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3243, 0.4566, 0.4073**, and **2.8643, 0.5433, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **9.9399, 0.5194, 0.4201**, and if you desaturate by 10%, it is **11.8776, 0.4751, 0.4196**.

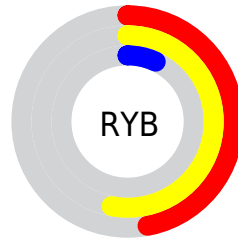
Distribution



Red (53%)

Green (31%)

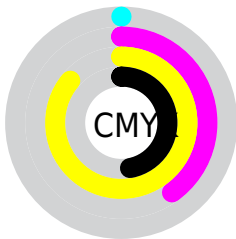
Blue (7%)



Red (47%)

Yellow (53%)

Blue (7%)

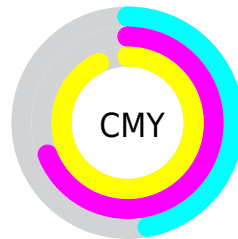


Cyan (0%)

Magenta (40%)

Yellow (86%)

Black (47%)



Cyan (47%)


Magenta (69%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8527, 0.4986, 0.4222 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 10.8527, 0.4986, 0.4222 by changing the saturation by 10% instead.


 10.8527, 0.4986,
0.4222


 10.8527, 0.4986,
0.4222


196.6542, 0.3889,
0.3760


 5.9679, 0.5299,
0.4286

 27.3875, 0.4557,
0.4081


 2.8256, 0.5702,
0.4298

 39.8062, 0.4402,
0.4016


 1.0413, 0.5998,
0.4002

 55.5050, 0.4276,
0.3959

 0.0000, 1.0000,
0.0000


 74.8683, 0.4172,
0.3908

 0.0000, 0.0000,
0.0000

 98.2805, 0.4084,
0.3864


 126.1259, 0.4009,

0.3825


 158.7890, 0.3945,
0.3791


 10.8527, 0.4986,
0.4222


 10.8527, 0.4986,
0.4222


 9.9399, 0.5194,
0.4201

 11.8776, 0.4751,
0.4196

 9.5846, 0.5282,
0.4188

 13.0203, 0.4500,
0.4127

 14.2866, 0.4248,
0.4025

 15.6815, 0.4004,
0.3902

 17.2095, 0.3776,
0.3768

■ 18.8749, 0.3568,
0.3630

■ 20.6816, 0.3381,
0.3494

■ 22.6334, 0.3215,
0.3363

■ 24.7340, 0.3068,
0.3239

Harmonies

Analogous

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



10.8527, 0.5124, 0.3510



10.8527, 0.4986, 0.4222



10.8527, 0.4337, 0.4904

Triad

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



10.8527, 0.4986, 0.4222



10.8527, 0.1798, 0.3575



10.8527, 0.2537, 0.1919

Complementary

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



10.8527, 0.4986, 0.4222



6.6236, 0.1877, 0.1788

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.



10.8527, 0.1842, 0.1807



10.8527, 0.4986, 0.4222



10.8527, 0.1471, 0.2554

Square

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



10.8527, 0.4986, 0.4222



10.8527, 0.2504, 0.4733



10.8527, 0.1496, 0.1989



10.8527, 0.3546, 0.2285

Rectangle

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



10.8527, 0.4986, 0.4222



10.8527, 0.3750, 0.5196



10.8527, 0.1496, 0.1989



10.8527, 0.2265, 0.1852

Sweetspot

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



10.8533, 0.4986, 0.4222



33.0292, 0.3583, 0.3640



6.0359, 0.4619, 0.2463



7.2447, 0.3641, 0.3681



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.



10.8533, 0.4986, 0.4222



16.5828, 0.5311, 0.4165



22.0056, 0.4122, 0.4992



5.0673, 0.3267, 0.3405



9.0053, 0.5278, 0.4191



0.0458, 0.4716, 0.4637

Inverse Universe

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



6.6236, 0.1877, 0.1788



8.9783, 0.1746, 0.1485



2.3458, 0.1618, 0.0784



4.8783, 0.2992, 0.3172



4.9565, 0.1758, 0.1527



0.0316, 0.1976, 0.2314

Previews

White Background



This preview shows how the Yxy color 10.8527, 0.4986, 0.4222 looks on a white background.

Color Contrast Check

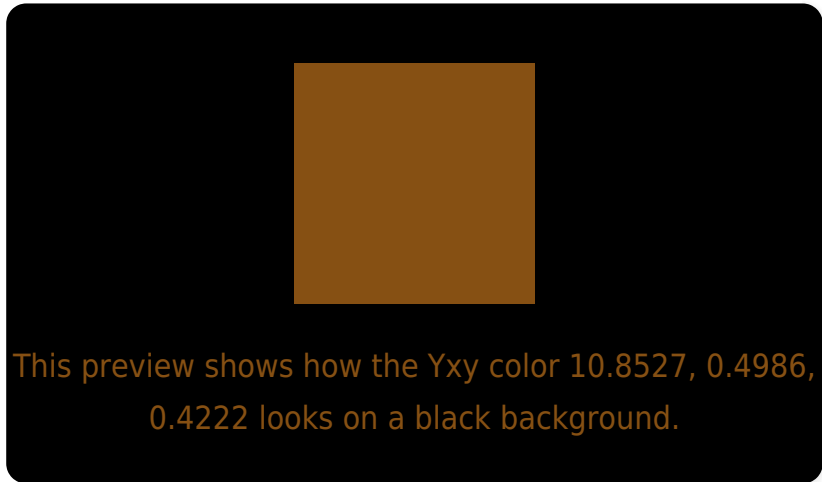
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8527, 0.4986, 0.4222

Background



This preview shows how black text looks on a background with the Yxy color 10.8527, 0.4986, 0.4222.



This preview shows how white text looks on a background with the Yxy color 10.8527, 0.4986, 0.4222.

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

10.8527, 0.4986, 0.4222

Protanopia

10.8899, 0.4276, 0.4711

Deuteranopia

10.8627, 0.4632, 0.4558



Tritanopia

10.9297, 0.4181, 0.3200

Trichromacy



Original Color

10.8527, 0.4986, 0.4222

Protanomaly

10.7466, 0.4552, 0.4518

Deuteranomaly

10.8195, 0.4769, 0.4427

Tritanomaly

10.8475, 0.4554, 0.3640

Monochromacy



Original Color

10.8527, 0.4986, 0.4222

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.0290, 0.3823, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8527, 0.4986, 0.4222 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(134, 80, 19)` looks like.

```
.text, #text, p{  
    color:rgb(134, 80, 19)  
}
```

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(134, 80, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 80, 19) }
```

Border

The CSS property to change the border of an element to Yxy 10.8527, 0.4986, 0.4222 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(134, 80, 19) }
```

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

```
.border{ border-color:rgb(134, 80, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 80, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 80, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 80, 19);  
box-shadow:4px 4px 4px 4px rgb(134, 80,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8527, 0.4986, 0.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 80, 19) }
```

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

```
.background{ background-color: rgb(134, 80,  
19) }
```

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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