# Converting Colors

Yxy(26.2641, 0.4379, 0.4863)

Have a look what the booklet for Yxy(26.2641, 0.4379, 0.4863) contains.

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# Color

Yxy(26.3386, 0.4375, 0.4868)

# Conversions

Conversions Part 1

| Format | Color |
|---|---|
| Hex | 9E8D09 |
| RGB | 158, 141, 9 |
| RGB Percent | 62%, 55%, 4% |
| CMY | 0.3805, 0.4470, 0.9645 |
| CMYK | 0.00, 0.11, 0.94, 0.38 |
| HSL | 53°, 89%, 33% |
| HSV | 53°, 94%, 62% |
| XYZ | 23.6712, 26.3386, 4.0958 |
| YIQ | 131.0350, 52.5040, -37.4480 |

# Conversions

Conversions Part 2

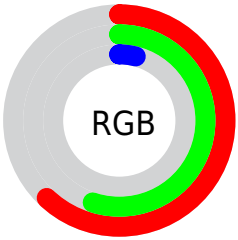
| Format | Color |
|---|---|
| RYB | 28, 158, 9 |
| Decimal | 10390793 |
| CIELab | 58.36, -5.92, 61.19 |
| CIELCh | 58, 61.475, 95.531 |
| Yxy | 26.3386, 0.4375, 0.4868 |
| Android (android.graphics.Color) | 4288580873 (0xFF9E8D09) |
| YUV | 131.0350, -60.1633, 23.6483 |
| Hunter-Lab | 51.3211, -7.4813, 31.1930 |

# Details

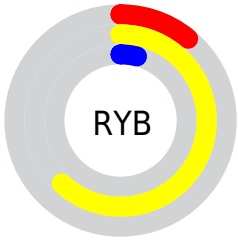
The Yxy color 26.3386, 0.4375, 0.4868 is a dark color, and the websafe version is hex 999900. A complement of this color would be 3.2654, 0.1564, 0.0768, and the grayscale version is 22.9170, 0.3127, 0.3290.

A 20% lighter version of the original color is 53.6769, 0.4182, 0.4596, and 10.3070, 0.4384, 0.4901 is the 20% darker color. If you saturate the color by 10%, you get 26.0175, 0.4406, 0.4884, and if you desaturate by 10%, it is 26.9245, 0.4310, 0.4823.

# Distribution

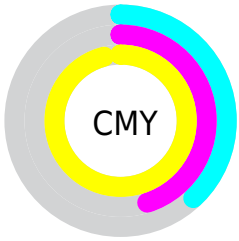



- Red (62%)
- Green (55%)
- Blue (4%)




- Red (11%)
- Yellow (62%)
- Blue (4%)

- Cyan (0%)
- Magenta (11%)
- Yellow (94%)
- Black (38%)




- Cyan (38%)
- Magenta (45%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3386, 0.4375, 0.4868 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 26.3386, 0.4375, 0.4868 by changing the saturation by 10% instead.

26.3386, 0.4375, 0.4868

26.3386, 0.4375, 0.4868

284.4403, 0.3780, 0.4079

17.0771, 0.4479, 0.5027

53.8207, 0.4184, 0.4600

10.2895, 0.4599, 0.5225

72.8101, 0.4103, 0.4492

5.5913, 0.4638, 0.5362

95.8109, 0.4031, 0.4398

2.5982, 0.4568, 0.5432

123.2076, 0.3968, 0.4317

0.9258, 0.4425, 0.5575

155.3844, 0.3913, 0.4245

0.0000, 0.0000, 0.0000

192.7259, 0.3863,

0.4183

235.6164, 0.3820, 0.4128

26.3386, 0.4375, 0.4868

26.0175, 0.4406, 0.4884

26.3386, 0.4375, 0.4868

26.9245, 0.4310, 0.4823

27.5563, 0.4219, 0.4735

28.2409, 0.4103, 0.4605

28.9831, 0.3967, 0.4440

29.7871, 0.3817, 0.4247

30.6567, 0.3658, 0.4037

31.5953, 0.3498, 0.3817

32.6060, 0.3340, 0.3596

33.6917, 0.3189, 0.3380

# Harmonies

## Analogous

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

26.3386, 0.5001, 0.4183

26.3386, 0.4375, 0.4868

26.3386, 0.3484, 0.5226

# Triad

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

26.3386, 0.4375, 0.4868

26.3386, 0.1485, 0.2599

26.3386, 0.3488, 0.2265

# Complementary

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

26.3386, 0.4375, 0.4868

3.2654, 0.1564, 0.0768

# 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.

26.3386, 0.2495, 0.1912

26.3386, 0.4375, 0.4868

26.3386, 0.1492, 0.2013

# Square

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

26.3386, 0.4375, 0.4868

26.3386, 0.1830, 0.3636

26.3386, 0.1821, 0.1813

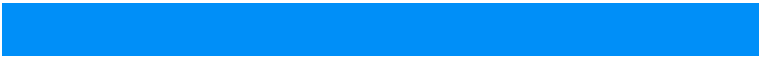
26.3386, 0.4522, 0.2817

# Rectangle

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

26.3386, 0.4375, 0.4868

26.3386, 0.2852, 0.5030



26.3386, 0.1821, 0.1813

26.3386, 0.3132, 0.2121

# Sweetspot

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

26.3399, 0.4375, 0.4868

56.6531, 0.3566, 0.3912

7.5394, 0.6089, 0.3191

12.6166, 0.3632, 0.4001



80.7346, 0.3127, 0.3290

13.9985, 0.3127, 0.3290

# Same Dimension

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

26.3399, 0.4375, 0.4868

47.0784, 0.4410, 0.4880

27.2248, 0.3565, 0.5507

7.5913, 0.3263, 0.3487

20.8811, 0.4404, 0.4885

0.4064, 0.4309, 0.4960

# Inverse Universe

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

3.2654, 0.1564, 0.0768

5.1168, 0.1521, 0.0675

3.8272, 0.1895, 0.0851

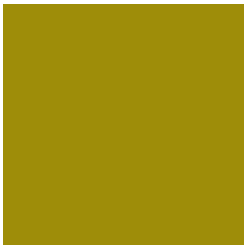
6.5509, 0.2988, 0.3086

2.3555, 0.1528, 0.0701

0.0732, 0.1645, 0.1122

# Previews

## White Background

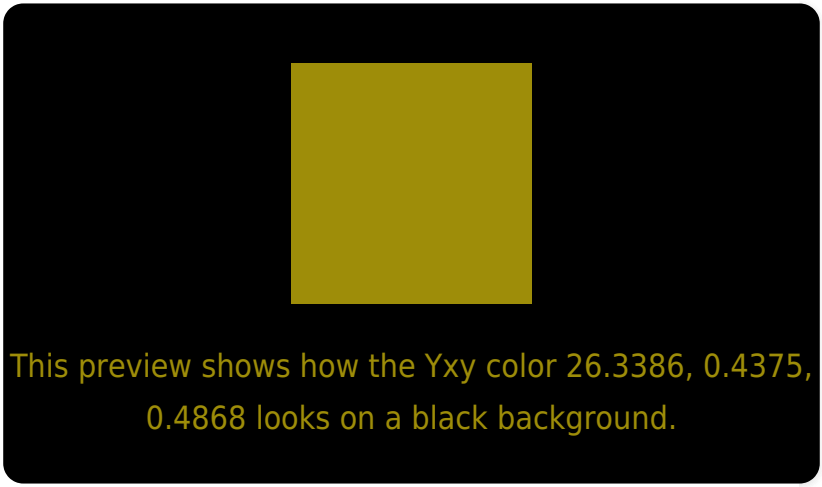


This preview shows how the Yxy color 26.3386, 0.4375, 0.4868 looks on a white background.

### 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

# Black Background

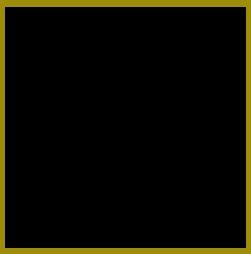



### Color Contrast Check

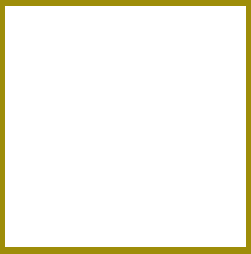
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

# Yxy 26.3386, 0.4375, 0.4868 Background



This preview shows how black text looks on a background with the Yxy color 26.3386, 0.4375, 0.4868.

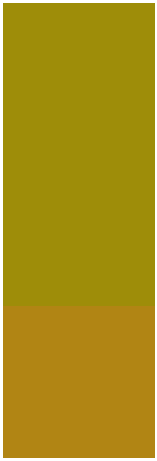


This preview shows how white text looks on a background with the Yxy color 26.3386, 0.4375, 0.4868.

# 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**
26.3386, 0.4375, 0.4868

**Protanopia**
26.3386, 0.4375, 0.4868

**Deuteranopia**
26.1727, 0.4664, 0.4581

**Tritanopia**
26.2627, 0.3424, 0.3139

# Trichromacy

**Original Color**
26.3386, 0.4375, 0.4868

**Protanomaly**
26.3386, 0.4375, 0.4868

**Deuteranomaly**
26.1918, 0.4560, 0.4688

**Tritanomaly**
25.9048, 0.3922, 0.3946

# Monochromacy

**Original Color**
26.3386, 0.4375, 0.4868

**Achromatopsia**
22.6966, 0.3127, 0.3290

**Achromatomaly**
23.6788, 0.3716, 0.4117

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.3386, 0.4375, 0.4868 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(158, 141, 9) looks like.

```
.text, #text, p{
    color:rgb(158, 141, 9)
}
```

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(158, 141, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 9) }
```

# Border

The CSS property to change the border of an element to Yxy 26.3386, 0.4375, 0.4868 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(158, 141, 9) }
```

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

```
.border{ border-color:rgb(158, 141, 9) }
```

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

Here you see how a box with a 4 pixel rgb(158, 141, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 141, 9); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 141, 9); box-shadow:4px 4px 4px 4px rgb(158, 141, 9) }
```

# Background

The CSS property to change the background color of an element to Yxy 26.3386, 0.4375, 0.4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(158, 141, 9) }
```

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

```
.background{ background-color:rgb(158,
141, 9) }
```

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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