

Converting Colors

$Y_{xy}(26.3411, 0.4308, 0.4756)$

Have a look what the booklet for
Yxy(26.3411, 0.4308, 0.4756)
contains.

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Color

Yxy(26.4231, 0.4302, 0.4759)

Conversions

Conversions Part 1

Format	Color
Hex	9E8D20
RGB	158, 141, 32
RGB Percent	62%, 55%, 13%
CMY	0.3804, 0.4470, 0.8742
CMYK	0.00, 0.11, 0.80, 0.38
HSL	52°, 66%, 37%
HSV	52°, 80%, 62%
XYZ	23.8857, 26.4231, 5.2136
YIQ	133.6570, 45.1210, -30.2950

Conversions

Conversions Part 2

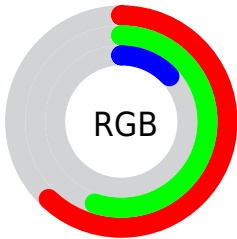
Format	Color
R_{YB}	52, 158, 32
Decimal	10390816
CIE _{Lab}	58.44, -5.32, 55.71
CIE _{LCh}	58, 55.967, 95.454
Yxy	26.4231, 0.4302, 0.4759
Android (android.graphics.Color)	4288580896 (0xFF9E8D20)
YUV	133.6570, -50.1169, 21.3488
Hunter-Lab	51.4034, -7.0120, 29.9689

Details

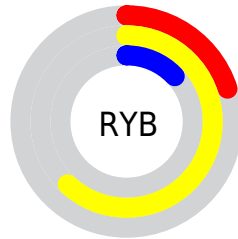
The Yxy color **26.4231, 0.4302, 0.4759** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.9793, 0.1721, 0.1089**, and the grayscale version is **23.8862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8544, 0.4116, 0.4497**, and **10.3657, 0.4401, 0.4887** is the 20% darker color. If you saturate the color by 10%, you get **25.7353, 0.4385, 0.4821**, and if you desaturate by 10%, it is **27.1667, 0.4192, 0.4654**.

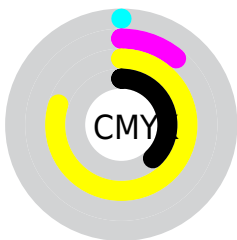
Distribution



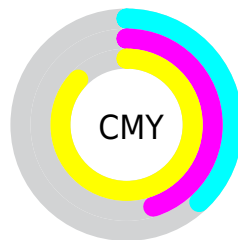
- Red (62%)
- Green (55%)
- Blue (13%)



- Red (20%)
- Yellow (62%)
- Blue (13%)



- Cyan (0%)
- Magenta (11%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4231, 0.4302, 0.4759 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 26.4231, 0.4302, 0.4759 by changing the saturation by 10% instead.

■ 26.4231, 0.4302,
0.4759

■ 26.4231, 0.4302,
0.4759

284.8529, 0.3726,
0.4010

■ 17.1404, 0.4414,
0.4922

■ 53.9567, 0.4109,
0.4497

■ 10.3347, 0.4530,
0.5105

■ 72.9765, 0.4030,
0.4394

■ 5.6214, 0.4662,
0.5338

■ 96.0107, 0.3962,
0.4306

■ 2.6163, 0.4600,
0.5400

■ 123.4438, 0.3902,
0.4230

■ 0.9349, 0.4477,
0.5523

■ 155.6602, 0.3849,
0.4164

■ 0.0000, 0.0000,
0.0000

■ 193.0442, 0.3803,

0.4106

235.9803, 0.3762,
0.4055

■ 26.4231, 0.4302,
0.4759

■ 26.4231, 0.4302,
0.4759

■ 25.7353, 0.4385,
0.4821

■ 27.1667, 0.4192,
0.4654

■ 25.0876, 0.4447,
0.4849

■ 27.9677, 0.4060,
0.4509

■ 25.0679, 0.4449,
0.4849

■ 28.8317, 0.3911,
0.4333

■ 29.7629, 0.3752,
0.4134

■ 30.7647, 0.3589,
0.3923

■ 31.8405, 0.3427,
0.3706

■ 32.9934, 0.3271,
0.3491

■ 34.2263, 0.3123,
0.3284

■ 35.5418, 0.2985,
0.3087

Harmonies

Analogous

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



26.4231, 0.4862, 0.4147



26.4231, 0.4302, 0.4759



26.4231, 0.3482, 0.5045

Triad

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



26.4231, 0.4302, 0.4759



26.4231, 0.1604, 0.2672



26.4231, 0.3460, 0.2340

Complementary

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



26.4231, 0.4302, 0.4759



4.9793, 0.1721, 0.1089

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.



26.4231, 0.2549, 0.2008



26.4231, 0.4302, 0.4759



26.4231, 0.1605, 0.2116

Square

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



26.4231, 0.4302, 0.4759



26.4231, 0.1939, 0.3615



26.4231, 0.1917, 0.1919



26.4231, 0.4396, 0.2861

Rectangle

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



26.4231, 0.4302, 0.4759



26.4231, 0.2896, 0.4852



26.4231, 0.1917, 0.1919



26.4231, 0.3135, 0.2205

Sweetspot

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



26.4244, 0.4302, 0.4759



56.8792, 0.3504, 0.3810



8.5446, 0.5486, 0.3081



12.6764, 0.3559, 0.3883



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.



26.4244, 0.4302, 0.4759



45.7807, 0.4434, 0.4841



28.1276, 0.3641, 0.5275



7.5677, 0.3264, 0.3482



20.1210, 0.4447, 0.4851



0.3980, 0.4332, 0.4942

Inverse Universe

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



4.9793, 0.1721, 0.1089



5.7391, 0.1550, 0.0747



5.0487, 0.2037, 0.1062



6.5724, 0.2988, 0.3091



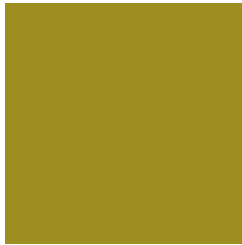
2.4518, 0.1535, 0.0727



0.0802, 0.1669, 0.1208

Previews

White Background



This preview shows how the Yxy color 26.4231, 0.4302, 0.4759 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



This preview shows how the Yxy color 26.4231, 0.4302, 0.4759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

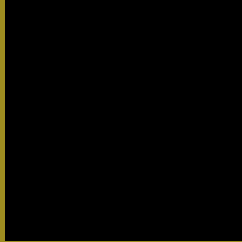
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4231, 0.4302, 0.4759

Background



This preview shows how black text looks on a background with the Yxy color 26.4231, 0.4302, 0.4759.



This preview shows how white text looks on a background with the Yxy color 26.4231, 0.4302, 0.4759.

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

26.4231, 0.4302, 0.4759

Protanopia

26.4231, 0.4302, 0.4759

Deuteranopia

26.2495, 0.4595, 0.4494



Tritanopia

26.2926, 0.3413, 0.3124

Trichromacy



Original Color

26.4231, 0.4302, 0.4759

Protanomaly

26.4231, 0.4302, 0.4759

Deuteranomaly

26.2757, 0.4485, 0.4588

Tritanomaly

26.0738, 0.3822, 0.3808

Monochromacy



Original Color

26.4231, 0.4302, 0.4759

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5940, 0.3624, 0.3973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4231, 0.4302, 0.4759 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, 32)` looks like.

```
.text, #text, p{  
    color:rgb(158, 141, 32)  
}
```

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, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 32) }
```

Border

The CSS property to change the border of an element to Yxy 26.4231, 0.4302, 0.4759 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, 32) }
```

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

```
.border{ border-color:rgb(158, 141, 32) }
```

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, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 141, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 141, 32);  
box-shadow:4px 4px 4px 4px rgb(158, 141,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4231, 0.4302, 0.4759 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, 32) }
```

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

```
.background{ background-color: rgb(158,  
141, 32) }
```

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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