

Converting Colors

$Yxy(26.8371, 0.4388, 0.4863)$

Have a look what the booklet for
Yxy(26.8371, 0.4388, 0.4863)
contains.

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Color

$Yxy(26.8371, 0.4388, 0.4863)$

Conversions

Conversions Part 1

Format	Color
Hex	A08E08
RGB	160, 142, 8
RGB Percent	63%, 56%, 3%
CMY	0.3725, 0.4431, 0.9686
CMYK	0.00, 0.11, 0.95, 0.37
HSL	53°, 90%, 33%
HSV	53°, 95%, 63%
XYZ	24.2158, 26.8371, 4.1335
YIQ	132.1060, 53.7420, -37.8580

Conversions

Conversions Part 2

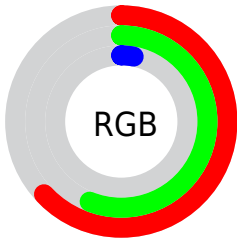
Format	Color
R_{YB}	28, 160, 8
Decimal	10522120
CIE Lab	58.82, -5.54, 61.79
CIE LCh	59, 62.036, 95.124
Yxy	26.8371, 0.4388, 0.4863
Android (android.graphics.Color)	4288712200 (0xFFA08E08)
YUV	132.1060, -61.1843, 24.4630
Hunter-Lab	51.8045, -7.2191, 31.5325

Details

The Yxy color **26.8371, 0.4388, 0.4863** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.3298, 0.1560, 0.0762**, and the grayscale version is **23.3268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4301, 0.4192, 0.4595**, and **10.5973, 0.4399, 0.4889** is the 20% darker color. If you saturate the color by 10%, you get **26.5396, 0.4415, 0.4876**, and if you desaturate by 10%, it is **27.4558, 0.4324, 0.4822**.

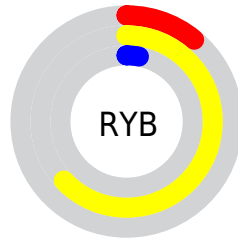
Distribution



Red (63%)

Green (56%)

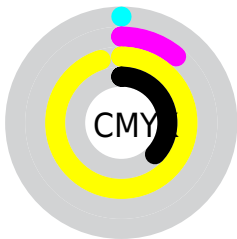
Blue (3%)



Red (11%)

Yellow (63%)

Blue (3%)

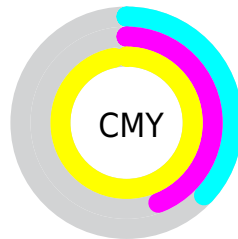


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (37%)



Cyan (37%)


Magenta (44%)


Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8371, 0.4388, 0.4863 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 26.8371, 0.4388, 0.4863 by changing the saturation by 10% instead.


 26.8371, 0.4388,
0.4863


 26.8371, 0.4388,
0.4863


286.8675, 0.3789,
0.4081

 17.4509, 0.4492,
0.5019


 54.6224, 0.4196,
0.4599


 10.5565, 0.4612,
0.5210


 73.7902, 0.4114,
0.4492

 5.7695, 0.4655,
0.5345

 96.9874, 0.4042,
0.4399

 2.7054, 0.4592,
0.5408

 124.5984, 0.3979,
0.4318

 0.9799, 0.4473,
0.5527


 157.0075, 0.3923,
0.4247


 0.0000, 0.0000,
0.0000


 194.5991, 0.3873,


0.4185


 237.7576, 0.3829,
0.4130

 26.8371, 0.4388,
0.4863


 26.8371, 0.4388,
0.4863

 26.5396, 0.4415,
0.4876

 27.4558, 0.4324,
0.4822

 28.1218, 0.4233,
0.4737

 28.8425, 0.4117,
0.4611

 29.6230, 0.3981,
0.4449

 30.4677, 0.3831,
0.4259

■ 31.3804, 0.3672,
0.4050

■ 32.3646, 0.3511,
0.3831

■ 33.4237, 0.3352,
0.3611

■ 34.5607, 0.3200,
0.3395

Harmonies

Analogous

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



26.8371, 0.5011, 0.4175



26.8371, 0.4388, 0.4863



26.8371, 0.3497, 0.5231

Triad

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



26.8371, 0.4388, 0.4863



26.8371, 0.1483, 0.2608



26.8371, 0.3474, 0.2256

Complementary

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



26.8371, 0.4388, 0.4863



3.3298, 0.1560, 0.0762

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.



26.8371, 0.2482, 0.1906



26.8371, 0.4388, 0.4863



26.8371, 0.1487, 0.2015

Square

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



26.8371, 0.4388, 0.4863



26.8371, 0.1834, 0.3653



26.8371, 0.1811, 0.1811



26.8371, 0.4514, 0.2807

Rectangle

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



26.8371, 0.4388, 0.4863



26.8371, 0.2864, 0.5043



26.8371, 0.1811, 0.1811



26.8371, 0.3118, 0.2113

Sweetspot

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



26.8384, 0.4388, 0.4863



58.1072, 0.3568, 0.3909



7.7338, 0.6075, 0.3175



12.5851, 0.3633, 0.3998



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.



26.8384, 0.4388, 0.4863



47.9855, 0.4420, 0.4872



28.1227, 0.3588, 0.5496



7.5861, 0.3264, 0.3486



20.7127, 0.4413, 0.4878



0.4046, 0.4314, 0.4956

Inverse Universe

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



3.3298, 0.1560, 0.0762



5.2941, 0.1522, 0.0679



3.7937, 0.1860, 0.0827



6.5556, 0.2988, 0.3087



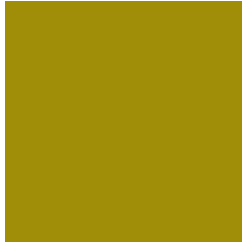
2.3755, 0.1530, 0.0707



0.0747, 0.1650, 0.1141

Previews

White Background



This preview shows how the Yxy color 26.8371, 0.4388, 0.4863 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 26.8371, 0.4388, 0.4863 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 26.8371, 0.4388, 0.4863

Background



This preview shows how black text looks on a background with the Yxy color 26.8371, 0.4388, 0.4863.



This preview shows how white text looks on a background with the Yxy color 26.8371, 0.4388, 0.4863.

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

26.8371, 0.4388, 0.4863

Protanopia

26.8371, 0.4388, 0.4863

Deuteranopia

26.6809, 0.4676, 0.4581



Tritanopia

26.7804, 0.3434, 0.3140

Trichromacy



Original Color

26.8371, 0.4388, 0.4863

Protanomaly

26.8371, 0.4388, 0.4863

Deuteranomaly

26.6965, 0.4571, 0.4686

Tritanomaly

26.3980, 0.3939, 0.3954

Monochromacy



Original Color

26.8371, 0.4388, 0.4863

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.0472, 0.3722, 0.4129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8371, 0.4388, 0.4863 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(160, 142, 8)` looks like.

```
.text, #text, p{  
    color:rgb(160, 142, 8)  
}
```

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(160, 142, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 142, 8) }
```

Border

The CSS property to change the border of an element to Yxy 26.8371, 0.4388, 0.4863 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(160, 142, 8) }
```

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

```
.border{ border-color:rgb(160, 142, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 142, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 142, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 142, 8);  
box-shadow:4px 4px 4px 4px rgb(160, 142,  
8) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8371, 0.4388, 0.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 142, 8) }
```

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

```
.background{ background-color: rgb(160,  
142, 8) }
```

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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