

Converting Colors

$Y_{xy}(26.5718, 0.4386, 0.4740)$

Have a look what the booklet for
Yxy(26.5718, 0.4386, 0.4740)
contains.

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Color

Yxy(26.6218, 0.4393, 0.4739)

Conversions

Conversions Part 1

Format	Color
Hex	A38C1B
RGB	163, 140, 27
RGB Percent	64%, 55%, 11%
CMY	0.3608, 0.4509, 0.8940
CMYK	0.00, 0.14, 0.83, 0.36
HSL	50°, 72%, 37%
HSV	50°, 83%, 64%
XYZ	24.6781, 26.6218, 4.8761
YIQ	133.9950, 49.9810, -30.2670

Conversions

Conversions Part 2

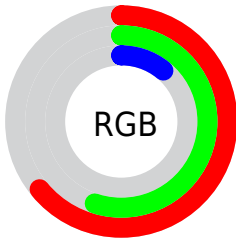
Format	Color
RYB	55, 163, 27
Decimal	10718235
CIELab	58.62, -2.67, 57.64
CIELCh	59, 57.698, 92.653
Yxy	26.6218, 0.4393, 0.4739
Android (android.graphics.Color)	4288908315 (0xFFA38C1B)
YUV	133.9950, -52.7485, 25.4374
Hunter-Lab	51.5963, -4.9184, 30.5143

Details

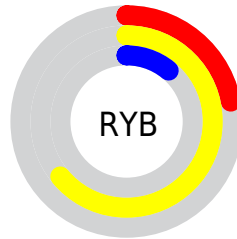
The Yxy color **26.6218, 0.4393, 0.4739** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.1586, 0.1689, 0.1062**, and the grayscale version is **24.0233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1366, 0.4185, 0.4490**, and **10.4381, 0.4487, 0.4819** is the 20% darker color. If you saturate the color by 10%, you get **25.7724, 0.4477, 0.4779**, and if you desaturate by 10%, it is **27.5358, 0.4281, 0.4654**.

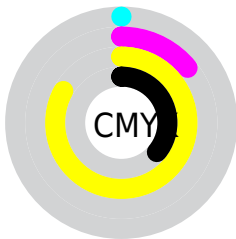
Distribution



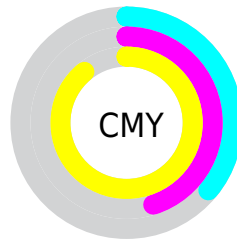
- Red (64%)
- Green (55%)
- Blue (11%)



- Red (22%)
- Yellow (64%)
- Blue (11%)



- Cyan (0%)
- Magenta (14%)
- Yellow (83%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6218, 0.4393, 0.4739 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 26.6218, 0.4393, 0.4739 by changing the saturation by 10% instead.


 26.6218, 0.4393,
0.4739


 26.6218, 0.4393,
0.4739


285.8213, 0.3773,
0.4015


 17.2894, 0.4513,
0.4888

 54.2764, 0.4186,
0.4492


 10.4410, 0.4642,
0.5054


 73.3673, 0.4101,
0.4392


 5.6923, 0.4768,
0.5232

 96.4799, 0.4027,
0.4306

 2.6589, 0.4738,
0.5262

 123.9986, 0.3963,
0.4232

 0.9564, 0.4682,
0.5318

 156.3076, 0.3906,
0.4167

 0.0000, 0.0000,
0.0000

 193.7915, 0.3856,

0.4110

236.8346, 0.3812,
0.4059

26.6218, 0.4393,
0.4739

26.6218, 0.4393,
0.4739

25.7724, 0.4477,
0.4779

27.5358, 0.4281,
0.4654

25.2365, 0.4523,
0.4791

28.5166, 0.4146,
0.4528

29.5709, 0.3993,
0.4367

30.7032, 0.3828,
0.4181

31.9176, 0.3659,
0.3979

■ 33.2178, 0.3492,
0.3770

■ 34.6073, 0.3330,
0.3561

■ 36.0894, 0.3177,
0.3357

■ 37.6670, 0.3035,
0.3164

Harmonies

Analogous

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



26.6218, 0.4935, 0.4094



26.6218, 0.4393, 0.4739



26.6218, 0.3568, 0.5095

Triad

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



26.6218, 0.4393, 0.4739



26.6218, 0.1586, 0.2727



26.6218, 0.3373, 0.2277

Complementary

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



26.6218, 0.4393, 0.4739



5.1586, 0.1689, 0.1062

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.



26.6218, 0.2459, 0.1961



26.6218, 0.4393, 0.4739



26.6218, 0.1559, 0.2122

Square

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



26.6218, 0.4393, 0.4739



26.6218, 0.1959, 0.3726



26.6218, 0.1845, 0.1894



26.6218, 0.4352, 0.2793

Rectangle

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



26.6218, 0.4393, 0.4739



26.6218, 0.2967, 0.4953



26.6218, 0.1845, 0.1894



26.6218, 0.3043, 0.2146

Sweetspot

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



26.6231, 0.4393, 0.4739



59.0135, 0.3526, 0.3813



8.8175, 0.5551, 0.3038



13.0777, 0.3582, 0.3883



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.6231, 0.4393, 0.4739



44.9501, 0.4530, 0.4785



30.2564, 0.3686, 0.5303



8.0326, 0.3265, 0.3475



19.6748, 0.4520, 0.4793



0.4641, 0.4384, 0.4901

Inverse Universe

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



5.1586, 0.1689, 0.1062



5.9835, 0.1539, 0.0739



4.7340, 0.1933, 0.0960



7.0445, 0.2987, 0.3098



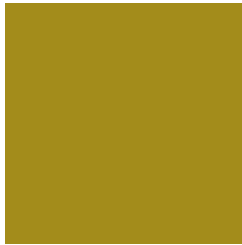
2.7318, 0.1548, 0.0772



0.1087, 0.1698, 0.1311

Previews

White Background



This preview shows how the Yxy color 26.6218, 0.4393, 0.4739 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 26.6218, 0.4393, 0.4739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

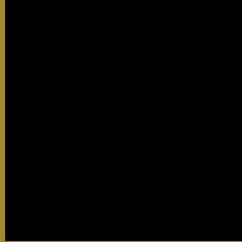
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6218, 0.4393, 0.4739

Background



This preview shows how black text looks on a background with the Yxy color 26.6218, 0.4393, 0.4739.



This preview shows how white text looks on a background with the Yxy color 26.6218, 0.4393, 0.4739.

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

26.6218, 0.4393, 0.4739

Protanopia

26.7961, 0.4324, 0.4794

Deuteranopia

26.6141, 0.4618, 0.4530



Tritanopia

26.5166, 0.3496, 0.3142

Trichromacy



Original Color

26.6218, 0.4393, 0.4739

Protanomaly

26.6025, 0.4347, 0.4775

Deuteranomaly

26.5863, 0.4543, 0.4597

Tritanomaly

26.2759, 0.3922, 0.3827

Monochromacy



Original Color

26.6218, 0.4393, 0.4739

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4543, 0.3675, 0.3985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6218, 0.4393, 0.4739 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(163, 140, 27)` looks like.

```
.text, #text, p{  
    color:rgb(163, 140, 27)  
}
```

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(163, 140, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 140, 27) }
```

Border

The CSS property to change the border of an element to Yxy 26.6218, 0.4393, 0.4739 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(163, 140, 27) }
```

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

```
.border{ border-color:rgb(163, 140, 27) }
```

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

Here you see how a box with a 4 pixel rgb(163, 140, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 140, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 140, 27);  
box-shadow:4px 4px 4px 4px rgb(163, 140,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6218, 0.4393, 0.4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 140, 27) }
```

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

```
.background{ background-color: rgb(163,  
140, 27) }
```

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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