

Converting Colors

$Y_{xy}(25.7661, 0.4237, 0.4735)$

Have a look what the booklet for
Yxy(25.7661, 0.4237, 0.4735)
contains.

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Color

$Y_{xy}(25.7661, 0.4237, 0.4735)$

Conversions

Conversions Part 1

Format	Color
Hex	9A8C26
RGB	154, 140, 38
RGB Percent	60%, 55%, 15%
CMY	0.3960, 0.4510, 0.8509
CMYK	0.00, 0.09, 0.75, 0.40
HSL	53°, 60%, 38%
HSV	53°, 75%, 60%
XYZ	23.0562, 25.7661, 5.5940
YIQ	132.5580, 41.0860, -28.7540

Conversions

Conversions Part 2

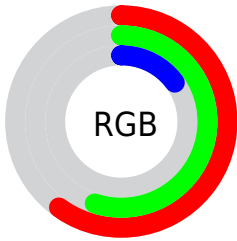
Format	Color
R _Y B	54, 154, 38
Decimal	10128422
CIE Lab	57.81, -6.33, 52.92
CIE LCh	58, 53.293, 96.826
Yxy	25.7661, 0.4237, 0.4735
Android (android.graphics.Color)	4288318502 (0xFF9A8C26)
YUV	132.5580, -46.6171, 18.8046
Hunter-Lab	50.7603, -7.7529, 28.9982

Details

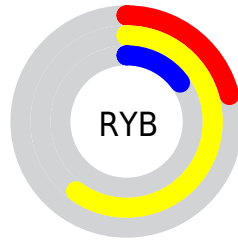
The Yxy color **25.7661, 0.4237, 0.4735** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.2055, 0.1778, 0.1177**, and the grayscale version is **23.4498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7441, 0.4048, 0.4465**, and **9.9650, 0.4352, 0.4927** is the 20% darker color. If you saturate the color by 10%, you get **25.1485, 0.4328, 0.4819**, and if you desaturate by 10%, it is **26.4365, 0.4121, 0.4610**.

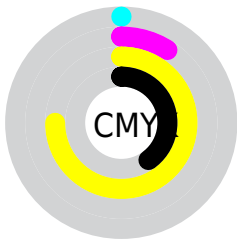
Distribution



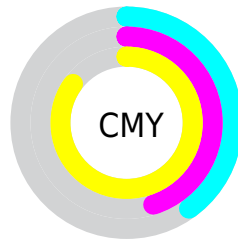
- Red (60%)
- Green (55%)
- Blue (15%)



- Red (21%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (9%)
- Yellow (75%)
- Black (40%)





- Cyan (40%)
- Magenta (45%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7661, 0.4237, 0.4735 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 25.7661, 0.4237, 0.4735 by changing the saturation by 10% instead.


 25.7661, 0.4237,
0.4735


 25.7661, 0.4237,
0.4735

281.6320, 0.3687,
0.3985


 16.6487, 0.4348,
0.4905


 52.8974, 0.4050,
0.4468


 9.9844, 0.4461,
0.5100


 71.6801, 0.3975,
0.4365


 5.3886, 0.4618,
0.5382

 94.4533, 0.3909,
0.4277

 2.4770, 0.4541,
0.5459

 121.6016, 0.3853,
0.4201

 0.8651, 0.4356,
0.5644

 153.5091, 0.3803,
0.4136

 0.0000, 0.0000,
0.0000

 190.5605, 0.3759,

0.4079

233.1400, 0.3721,
0.4029

■ 25.7661, 0.4237,
0.4735

■ 25.7661, 0.4237,
0.4735

■ 25.1485, 0.4328,
0.4819

■ 26.4365, 0.4121,
0.4610

■ 24.5739, 0.4393,
0.4860

■ 27.1606, 0.3985,
0.4449

■ 24.3126, 0.4419,
0.4873

■ 27.9436, 0.3834,
0.4260

■ 28.7891, 0.3676,
0.4052

■ 29.7002, 0.3515,
0.3835

■ 30.6799, 0.3356,
0.3616

■ 31.7311, 0.3204,
0.3401

■ 32.8564, 0.3061,
0.3195

■ 34.0581, 0.2928,
0.3000

Harmonies

Analogous

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



25.7661, 0.4787, 0.4159



25.7661, 0.4237, 0.4735



25.7661, 0.3439, 0.4970

Triad

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



25.7661, 0.4237, 0.4735



25.7661, 0.1646, 0.2667



25.7661, 0.3493, 0.2392

Complementary

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



25.7661, 0.4237, 0.4735



5.2055, 0.1778, 0.1177

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.



25.7661, 0.2607, 0.2058



25.7661, 0.4237, 0.4735



25.7661, 0.1660, 0.2143

Square

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



25.7661, 0.4237, 0.4735



25.7661, 0.1960, 0.3558



25.7661, 0.1978, 0.1961



25.7661, 0.4381, 0.2905

Rectangle

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



25.7661, 0.4237, 0.4735



25.7661, 0.2873, 0.4755



25.7661, 0.1978, 0.1961



25.7661, 0.3180, 0.2257

Sweetspot

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



25.7673, 0.4237, 0.4735



54.2641, 0.3485, 0.3794



8.5207, 0.5338, 0.3099



12.1503, 0.3539, 0.3869



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.7673, 0.4237, 0.4735



44.9917, 0.4373, 0.4850



26.6656, 0.3618, 0.5208



7.0955, 0.3263, 0.3484



19.8397, 0.4417, 0.4875



0.3279, 0.4306, 0.4963

Inverse Universe

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



5.2055, 0.1778, 0.1177



6.0477, 0.1587, 0.0819



5.4512, 0.2128, 0.1174



6.1406, 0.2988, 0.3088



2.2999, 0.1531, 0.0711



0.0619, 0.1658, 0.1169

Previews

White Background



This preview shows how the Yxy color 25.7661, 0.4237, 0.4735 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 25.7661, 0.4237, 0.4735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

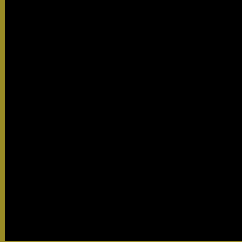
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7661, 0.4237, 0.4735

Background



This preview shows how black text looks on a background with the Yxy color 25.7661, 0.4237, 0.4735.



This preview shows how white text looks on a background with the Yxy color 25.7661, 0.4237, 0.4735.

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

25.7661, 0.4237, 0.4735

Protanopia

25.6731, 0.4272, 0.4708

Deuteranopia

25.6613, 0.4545, 0.4467



Tritanopia

25.8371, 0.3378, 0.3136

Trichromacy



Original Color

25.7661, 0.4237, 0.4735

Protanomaly

25.5737, 0.4260, 0.4716

Deuteranomaly

25.6966, 0.4435, 0.4562

Tritanomaly

25.4206, 0.3756, 0.3771

Monochromacy



Original Color

25.7661, 0.4237, 0.4735

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1529, 0.3593, 0.3946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7661, 0.4237, 0.4735 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(154, 140, 38)` looks like.

```
.text, #text, p{  
    color:rgb(154, 140, 38)  
}
```

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(154, 140, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 38) }
```

Border

The CSS property to change the border of an element to Yxy 25.7661, 0.4237, 0.4735 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(154, 140, 38) }
```

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

```
.border{ border-color:rgb(154, 140, 38) }
```

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

Here you see how a box with a 4 pixel rgb(154, 140, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 140, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 140, 38);  
box-shadow:4px 4px 4px 4px rgb(154, 140,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7661, 0.4237, 0.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 38) }
```

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

```
.background{ background-color: rgb(154,  
140, 38) }
```

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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