

Converting Colors

$Yxy(25.4023, 0.4174, 0.4804)$

Have a look what the booklet for
Yxy(25.4023, 0.4174, 0.4804)
contains.

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Color

Yxy(25.4730, 0.4165, 0.4811)

Conversions

Conversions Part 1

Format	Color
Hex	948D24
RGB	148, 141, 36
RGB Percent	58%, 55%, 14%
CMY	0.4197, 0.4470, 0.8589
CMYK	0.00, 0.05, 0.76, 0.42
HSL	56°, 61%, 36%
HSV	56°, 76%, 58%
XYZ	22.0526, 25.4730, 5.4218
YIQ	131.1230, 37.8770, -31.1710

Conversions

Conversions Part 2

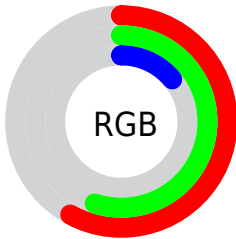
Format	Color
R_{YB}	43, 148, 36
Decimal	9735460
CIE _{Lab}	57.53, -9.71, 53.20
CIE _{LCh}	58, 54.082, 100.348
Yxy	25.4730, 0.4165, 0.4811
Android (android.graphics.Color)	4287925540 (0xFF948D24)
YUV	131.1230, -46.8956, 14.8011
Hunter-Lab	50.4708, -10.3305, 28.9603

Details

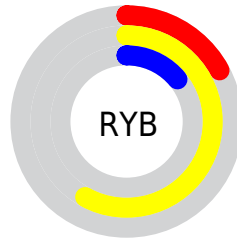
The Yxy color **25.4730, 0.4165, 0.4811** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.2359, 0.1749, 0.1069**, and the grayscale version is **22.9029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2840, 0.4001, 0.4520**, and **9.8619, 0.4246, 0.5011** is the 20% darker color. If you saturate the color by 10%, you get **25.1315, 0.4238, 0.4900**, and if you desaturate by 10%, it is **25.8565, 0.4067, 0.4681**.

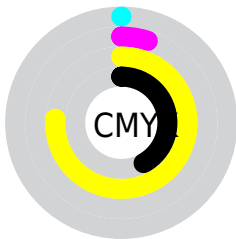
Distribution



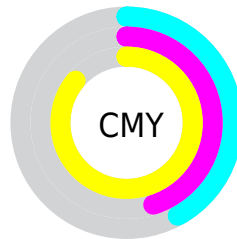
- Red (58%)
- Green (55%)
- Blue (14%)



- Red (17%)
- Yellow (58%)
- Blue (14%)



- Cyan (0%)
- Magenta (5%)
- Yellow (76%)
- Black (42%)




- Cyan (42%)
- Magenta (45%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4730, 0.4165, 0.4811 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 25.4730, 0.4165, 0.4811 by changing the saturation by 10% instead.


 25.4730, 0.4165,
0.4811


 25.4730, 0.4165,
0.4811


280.1854, 0.3657,
0.4011


 16.4298, 0.4262,
0.4998


 52.4235, 0.3995,
0.4523

 9.8288, 0.4357,
0.5216


 71.0997, 0.3926,
0.4412


 5.2856, 0.4476,
0.5524


 93.7556, 0.3865,
0.4319

 2.4158, 0.4355,
0.5645

 120.7756, 0.3812,
0.4239

 0.8340, 0.3998,
0.6002

 152.5442, 0.3766,
0.4170

 0.0000, 0.0000,
0.0000

 189.4458, 0.3725,

0.4110

231.8647, 0.3689,
0.4057

■ 25.4730, 0.4165,
0.4811

■ 25.4730, 0.4165,
0.4811

■ 25.1315, 0.4238,
0.4900

■ 25.8565, 0.4067,
0.4681

■ 24.8227, 0.4286,
0.4948

■ 26.2826, 0.3947,
0.4515

■ 24.6937, 0.4304,
0.4965

■ 26.7560, 0.3811,
0.4319

■ 27.2800, 0.3664,
0.4103

■ 27.8573, 0.3511,
0.3875

■ 28.4908, 0.3358,
0.3644

■ 29.1829, 0.3209,
0.3416

■ 29.9359, 0.3067,
0.3197

■ 30.7520, 0.2933,
0.2989

Harmonies

Analogous

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



25.4730, 0.4768, 0.4243



25.4730, 0.4165, 0.4811



25.4730, 0.3339, 0.4991

Triad

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



25.4730, 0.4165, 0.4811



25.4730, 0.1609, 0.2571



25.4730, 0.3613, 0.2431

Complementary

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



25.4730, 0.4165, 0.4811



4.2359, 0.1749, 0.1069

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.



25.4730, 0.2692, 0.2068



25.4730, 0.4165, 0.4811



25.4730, 0.1660, 0.2086

Square

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



25.4730, 0.4165, 0.4811



25.4730, 0.1884, 0.3441



25.4730, 0.2018, 0.1940



25.4730, 0.4491, 0.2966

Rectangle

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



25.4730, 0.4165, 0.4811



25.4730, 0.2767, 0.4713



25.4730, 0.2018, 0.1940



25.4730, 0.3291, 0.2287

Sweetspot

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



25.4742, 0.4165, 0.4811



49.4104, 0.3477, 0.3824



7.7321, 0.5503, 0.3203



11.1980, 0.3528, 0.3900



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.4742, 0.4165, 0.4811



43.9656, 0.4274, 0.4937



23.9773, 0.3536, 0.5267



6.6835, 0.3261, 0.3496



21.1145, 0.4303, 0.4965



0.2735, 0.4243, 0.5013

Inverse Universe

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



4.2359, 0.1749, 0.1069



4.7259, 0.1560, 0.0731



5.3066, 0.2224, 0.1220



5.6874, 0.2989, 0.3076



2.0122, 0.1515, 0.0654



0.0361, 0.1587, 0.0913

Previews

White Background



This preview shows how the Yxy color 25.4730, 0.4165, 0.4811 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 25.4730, 0.4165, 0.4811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

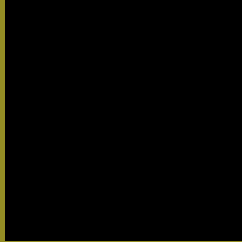
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4730, 0.4165, 0.4811

Background



This preview shows how black text looks on a background with the Yxy color 25.4730, 0.4165, 0.4811.



This preview shows how white text looks on a background with the Yxy color 25.4730, 0.4165, 0.4811.

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

25.4730, 0.4165, 0.4811

Protanopia

25.5551, 0.4276, 0.4740

Deuteranopia

25.2700, 0.4552, 0.4470



Tritanopia

25.2535, 0.3297, 0.3117

Trichromacy



Original Color

25.4730, 0.4165, 0.4811

Protanomaly

25.5529, 0.4229, 0.4775

Deuteranomaly

25.3669, 0.4406, 0.4592

Tritanomaly

25.0795, 0.3690, 0.3816

Monochromacy



Original Color

25.4730, 0.4165, 0.4811

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.4908, 0.3571, 0.3977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4730, 0.4165, 0.4811 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(148, 141, 36)` looks like.

```
.text, #text, p{  
    color:rgb(148, 141, 36)  
}
```

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(148, 141, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 141, 36) }
```

Border

The CSS property to change the border of an element to Yxy 25.4730, 0.4165, 0.4811 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(148, 141, 36) }
```

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

```
.border{ border-color:rgb(148, 141, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 141, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 141, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 141, 36);  
box-shadow:4px 4px 4px 4px rgb(148, 141,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4730, 0.4165, 0.4811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 141, 36) }
```

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

```
.background{ background-color: rgb(148,  
141, 36) }
```

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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