

Converting Colors

$Y_{xy}(28.5001, 0.4251, 0.4871)$

Have a look what the booklet for
Yxy(28.5001, 0.4251, 0.4871)
contains.

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Color

$\text{Yxy}(28.5191, 0.4251, 0.4875)$

Conversions

Conversions Part 1

Format	Color
Hex	9E9419
RGB	158, 148, 25
RGB Percent	62%, 58%, 10%
CMY	0.3803, 0.4196, 0.9020
CMYK	0.00, 0.06, 0.84, 0.38
HSL	55°, 73%, 36%
HSV	55°, 84%, 62%
XYZ	24.8687, 28.5191, 5.1130
YIQ	136.9680, 45.4430, -36.1330

Conversions

Conversions Part 2

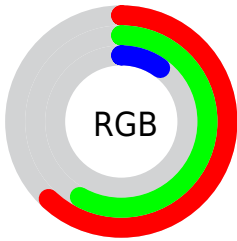
Format	Color
R_{YB}	36, 158, 25
Decimal	10392601
CIE Lab	60.35, -9.32, 59.49
CIE LCh	60, 60.216, 98.902
Yxy	28.5191, 0.4251, 0.4875
Android (android.graphics.Color)	4288582681 (0xFF9E9419)
YUV	136.9680, -55.2002, 18.4451
Hunter-Lab	53.4033, -10.3325, 31.7057

Details

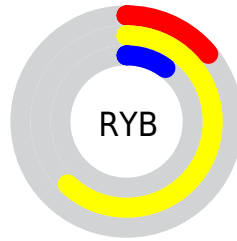
The Yxy color **28.5191, 0.4251, 0.4875** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.8787, 0.1639, 0.0886**, and the grayscale version is **25.2046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4645, 0.4078, 0.4595**, and **11.5601, 0.4259, 0.5000** is the 20% darker color. If you saturate the color by 10%, you get **28.0989, 0.4305, 0.4925**, and if you desaturate by 10%, it is **28.9843, 0.4171, 0.4783**.

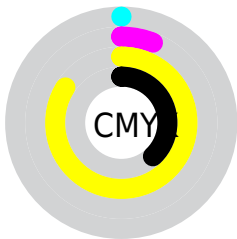
Distribution



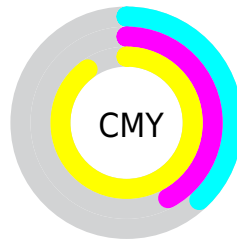
- Red (62%)
- Green (58%)
- Blue (10%)



- Red (14%)
- Yellow (62%)
- Blue (10%)



- Cyan (0%)
- Magenta (6%)
- Yellow (84%)
- Black (38%)





- Cyan (38%)
- Magenta (42%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5191, 0.4251, 0.4875 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 28.5191, 0.4251, 0.4875 by changing the saturation by 10% instead.


 28.5191, 0.4251,
0.4875


 28.5191, 0.4251,
0.4875


294.9391, 0.3721,
0.4072


 18.7173, 0.4344,
0.5048


 57.3121, 0.4081,
0.4596


 11.4662, 0.4433,
0.5245

 77.0722, 0.4009,
0.4486

 6.3813, 0.4516,
0.5484


 100.9205, 0.3945,
0.4391

 3.0783, 0.4416,
0.5584

 129.2414, 0.3889,
0.4309

 1.1728, 0.4237,
0.5763

 162.4193, 0.3839,
0.4238

 0.0393, 0.0000,
1.0000

 200.8387, 0.3795,

 0.0000, 0.0000,

0.4175

0.0000

244.8838, 0.3756,
0.4120

■ 28.5191, 0.4251,
0.4875

■ 28.5191, 0.4251,
0.4875

■ 28.0989, 0.4305,
0.4925

■ 28.9843, 0.4171,
0.4783

■ 27.8645, 0.4330,
0.4944

■ 29.4963, 0.4066,
0.4649

■ 30.0610, 0.3940,
0.4479

■ 30.6828, 0.3799,
0.4281

■ 31.3652, 0.3647,
0.4064

■ 32.1117, 0.3492,
0.3836

■ 32.9255, 0.3337,
0.3607

■ 33.8093, 0.3188,
0.3382

■ 34.7659, 0.3046,
0.3166

Harmonies

Analogous

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



28.5191, 0.4885, 0.4244



28.5191, 0.4251, 0.4875



28.5191, 0.3380, 0.5128

Triad

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



28.5191, 0.4251, 0.4875



28.5191, 0.1529, 0.2550



28.5191, 0.3592, 0.2356

Complementary

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



28.5191, 0.4251, 0.4875



3.8787, 0.1639, 0.0886

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.



28.5191, 0.2618, 0.1987



28.5191, 0.4251, 0.4875



28.5191, 0.1569, 0.2025

Square

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



28.5191, 0.4251, 0.4875



28.5191, 0.1828, 0.3497



28.5191, 0.1926, 0.1864



28.5191, 0.4551, 0.2908

Rectangle

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



28.5191, 0.4251, 0.4875



28.5191, 0.2774, 0.4866



28.5191, 0.1926, 0.1864



28.5191, 0.3248, 0.2208

Sweetspot

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



28.5204, 0.4251, 0.4875



58.1159, 0.3512, 0.3866



8.0938, 0.5833, 0.3196



12.9992, 0.3564, 0.3942



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.



28.5204, 0.4251, 0.4875



50.4583, 0.4332, 0.4942



27.3898, 0.3548, 0.5413



7.6348, 0.3263, 0.3495



22.3360, 0.4328, 0.4945



0.4222, 0.4269, 0.4993

Inverse Universe

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



3.8787, 0.1639, 0.0886



4.8407, 0.1512, 0.0643



4.8881, 0.2075, 0.1028



6.5116, 0.2987, 0.3077



2.2109, 0.1518, 0.0663



0.0604, 0.1599, 0.0957

Previews

White Background



This preview shows how the Yxy color 28.5191, 0.4251, 0.4875 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 28.5191, 0.4251, 0.4875 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 28.5191, 0.4251, 0.4875

Background



This preview shows how black text looks on a background with the Yxy color 28.5191, 0.4251, 0.4875.



This preview shows how white text looks on a background with the Yxy color 28.5191, 0.4251, 0.4875.

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

28.5191, 0.4251, 0.4875

Protanopia

28.5162, 0.4344, 0.4810

Deuteranopia

28.3432, 0.4622, 0.4538



Tritanopia

28.5306, 0.3344, 0.3141

Trichromacy



Original Color

28.5191, 0.4251, 0.4875

Protanomaly

28.6148, 0.4310, 0.4837

Deuteranomaly

28.4334, 0.4484, 0.4662

Tritanomaly

28.2178, 0.3785, 0.3893

Monochromacy



Original Color

28.5191, 0.4251, 0.4875

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.9140, 0.3639, 0.4045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5191, 0.4251, 0.4875 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, 148, 25)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 25)  
}
```

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, 148, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 25) }
```

Border

The CSS property to change the border of an element to Yxy 28.5191, 0.4251, 0.4875 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, 148, 25) }
```

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

```
.border{ border-color:rgb(158, 148, 25) }
```

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

Here you see how a box with a 4 pixel rgb(158, 148, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 25);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5191, 0.4251, 0.4875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 25) }
```

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

```
.background{ background-color: rgb(158,  
148, 25) }
```

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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