

Converting Colors

$Y_{xy}(27.5004, 0.4199, 0.4953)$

Have a look what the booklet for
Yxy(27.5004, 0.4199, 0.4953)
contains.

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Color

Yxy(27.4938, 0.4201, 0.4954)

Conversions

Conversions Part 1

Format	Color
Hex	979313
RGB	151, 147, 19
RGB Percent	59%, 58%, 7%
CMY	0.4078, 0.4235, 0.9259
CMYK	0.00, 0.03, 0.87, 0.41
HSL	58°, 78%, 33%
HSV	58°, 87%, 59%
XYZ	23.3148, 27.4938, 4.6896
YIQ	133.6040, 43.4720, -38.9600

Conversions

Conversions Part 2

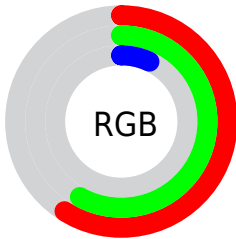
Format	Color
R_{YB}	23, 151, 19
Decimal	9933587
CIE _{Lab}	59.43, -12.13, 59.94
CIE _{LCh}	59, 61.158, 101.440
Y _{xy}	27.4938, 0.4201, 0.4954
Android (android.graphics.Color)	4288123667 (0xFF979313)
YUV	133.6040, -56.4998, 15.2563
Hunter-Lab	52.4345, -12.3912, 31.4014

Details

The Yxy color **27.4938, 0.4201, 0.4954** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.9818, 0.1592, 0.0771**, and the grayscale version is **23.8839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7477, 0.4037, 0.4658**, and **11.0362, 0.4176, 0.5066** is the 20% darker color. If you saturate the color by 10%, you get **27.3144, 0.4238, 0.5000**, and if you desaturate by 10%, it is **27.7068, 0.4141, 0.4871**.

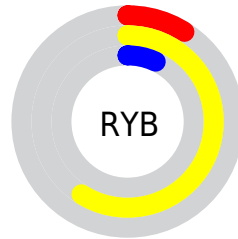
Distribution



Red (59%)

Green (58%)

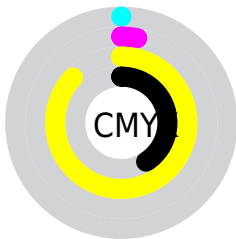
Blue (7%)



Red (9%)

Yellow (59%)

Blue (7%)

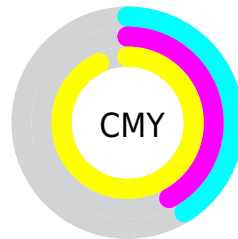


Cyan (0%)

Magenta (3%)

Yellow (87%)

Black (41%)



Cyan (41%)

Magenta (42%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4938, 0.4201, 0.4954 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 27.4938, 0.4201, 0.4954 by changing the saturation by 10% instead.

27.4938, 0.4201,
0.4954

27.4938, 0.4201,
0.4954

290.0401, 0.3701,
0.4100

17.9444, 0.4283,
0.5141

55.6752, 0.4044,
0.4654

10.9101, 0.4360,
0.5364

75.0761, 0.3976,
0.4537

6.0064, 0.4396,
0.5604

98.5296, 0.3916,
0.4436

2.8490, 0.4258,
0.5742

126.4201, 0.3862,
0.4350

1.0534, 0.3978,
0.6022

159.1320, 0.3815,
0.4274

0.0000, 0.0000,
0.0000

197.0497, 0.3772,

0.4209

240.5576, 0.3735,
0.4151

27.4938, 0.4201,
0.4954

27.4938, 0.4201,
0.4954

27.3144, 0.4238,
0.5000

27.7068, 0.4141,
0.4871

27.2703, 0.4246,
0.5011

27.9574, 0.4057,
0.4746

28.2512, 0.3949,
0.4583

28.5923, 0.3822,
0.4388

28.9840, 0.3682,
0.4170

■ 29.4293, 0.3534,
0.3937

■ 29.9312, 0.3384,
0.3699

■ 30.4923, 0.3235,
0.3462

■ 31.1151, 0.3092,
0.3233

Harmonies

Analogous

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



27.4938, 0.4884, 0.4316



27.4938, 0.4201, 0.4954



27.4938, 0.3299, 0.5172

Triad

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



27.4938, 0.4201, 0.4954



27.4938, 0.1485, 0.2465



27.4938, 0.3694, 0.2376

Complementary

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



27.4938, 0.4201, 0.4954



2.9818, 0.1592, 0.0771

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.



27.4938, 0.2679, 0.1982



27.4938, 0.4201, 0.4954



27.4938, 0.1554, 0.1968

Square

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



27.4938, 0.4201, 0.4954



27.4938, 0.1755, 0.3403



27.4938, 0.1944, 0.1833



27.4938, 0.4657, 0.2949

Rectangle

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



27.4938, 0.4201, 0.4954



27.4938, 0.2684, 0.4854



27.4938, 0.1944, 0.1833



27.4938, 0.3338, 0.2220

Sweetspot

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



27.4951, 0.4201, 0.4954



52.7771, 0.3520, 0.3914



7.1061, 0.6043, 0.3265



11.9349, 0.3568, 0.3989



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.4951, 0.4201, 0.4954



48.7787, 0.4247, 0.5010



24.3255, 0.3473, 0.5508



7.1907, 0.3261, 0.3503



23.2034, 0.4246, 0.5011



0.3555, 0.4220, 0.5031

Inverse Universe

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



2.9818, 0.1592, 0.0771



4.1309, 0.1505, 0.0617



4.4271, 0.2121, 0.1023



6.0549, 0.2988, 0.3067



1.9933, 0.1507, 0.0626



0.0368, 0.1543, 0.0755

Previews

White Background



This preview shows how the Yxy color 27.4938, 0.4201, 0.4954 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 27.4938, 0.4201, 0.4954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

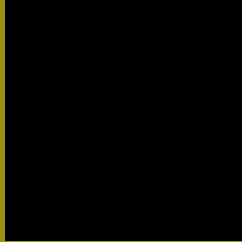
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4938, 0.4201, 0.4954

Background



This preview shows how black text looks on a background with the Yxy color 27.4938, 0.4201, 0.4954.



This preview shows how white text looks on a background with the Yxy color 27.4938, 0.4201, 0.4954.

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

27.4938, 0.4201, 0.4954

Protanopia

27.2657, 0.4364, 0.4832

Deuteranopia

27.3955, 0.4628, 0.4554



Tritanopia

27.4715, 0.3278, 0.3137

Trichromacy



Original Color

27.4938, 0.4201, 0.4954

Protanomaly

27.1583, 0.4307, 0.4876

Deuteranomaly

27.2614, 0.4469, 0.4701

Tritanomaly

27.1380, 0.3739, 0.3944

Monochromacy



Original Color

27.4938, 0.4201, 0.4954

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.8134, 0.3630, 0.4098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4938, 0.4201, 0.4954 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(151, 147, 19)` looks like.

```
.text, #text, p{  
    color:rgb(151, 147, 19)  
}
```

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(151, 147, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 147, 19) }
```

Border

The CSS property to change the border of an element to Yxy 27.4938, 0.4201, 0.4954 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(151, 147, 19) }
```

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

```
.border{ border-color:rgb(151, 147, 19) }
```

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

Here you see how a box with a 4 pixel rgb(151, 147, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 147, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 147, 19);  
box-shadow:4px 4px 4px 4px rgb(151, 147,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4938, 0.4201, 0.4954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 147, 19) }
```

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

```
.background{ background-color: rgb(151,  
147, 19) }
```

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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