

Converting Colors

$Y_{xy}(27.0525, 0.3935, 0.4691)$

Have a look what the booklet for
Yxy(27.0525, 0.3935, 0.4691)
contains.

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Color

Yxy(27.0921, 0.3932, 0.4698)

Conversions

Conversions Part 1

Format	Color
Hex	909339
RGB	144, 147, 57
RGB Percent	56%, 58%, 22%
CMY	0.4352, 0.4235, 0.7766
CMYK	0.02, 0.00, 0.61, 0.42
HSL	62°, 44%, 40%
HSV	62°, 61%, 58%
XYZ	22.6748, 27.0921, 7.9004
YIQ	135.8430, 27.1020, -28.6260

Conversions

Conversions Part 2

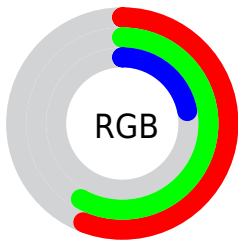
Format	Color
RYB	57, 147, 60
Decimal	9474873
CIELab	59.06, -13.43, 45.99
CIELCh	59, 47.915, 106.277
Yxy	27.0921, 0.3932, 0.4698
Android (android.graphics.Color)	4287664953 (0xFF909339)
YUV	135.8430, -38.8696, 7.1537
Hunter-Lab	52.0501, -13.3269, 27.4357

Details

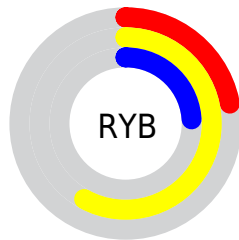
The Yxy color **27.0921, 0.3932, 0.4698** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.9889, 0.2003, 0.1396**, and the grayscale version is **24.6993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1354, 0.3797, 0.4415**, and **10.7735, 0.4092, 0.5133** is the 20% darker color. If you saturate the color by 10%, you get **26.9235, 0.4018, 0.4857**, and if you desaturate by 10%, it is **27.3059, 0.3825, 0.4505**.

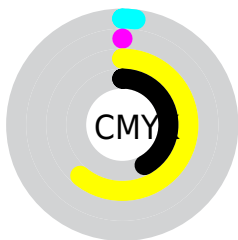
Distribution



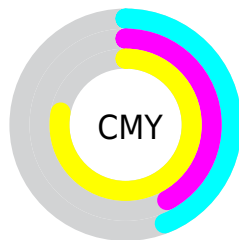
- Red (56%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (24%)



- Cyan (2%)
- Magenta (0%)
- Yellow (61%)
- Black (42%)





- Cyan (44%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0921, 0.3932, 0.4698 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 27.0921, 0.3932, 0.4698 by changing the saturation by 10% instead.


 27.0921, 0.3932,
0.4698


 27.0921, 0.3932,
0.4698


288.1028, 0.3535,
0.3938

 17.6424, 0.4014,
0.4893


 55.0316, 0.3796,
0.4414

 10.6936, 0.4099,
0.5136


 74.2902, 0.3742,
0.4309


 5.8612, 0.4222,
0.5508

 97.5873, 0.3695,
0.4221

 2.7608, 0.4182,
0.5818

 125.3072, 0.3654,
0.4147

 1.0082, 0.3828,
0.6172

 157.8342, 0.3619,
0.4084

 0.0000, 0.0000,
0.0000

 195.5530, 0.3587,

0.4028

238.8477, 0.3560,
0.3980

■ 27.0921, 0.3932,
0.4698

■ 27.0921, 0.3932,
0.4698

■ 26.9235, 0.4018,
0.4857

■ 27.3059, 0.3825,
0.4505

■ 26.7925, 0.4080,
0.4975

■ 27.5644, 0.3701,
0.4286

■ 26.6960, 0.4118,
0.5053

■ 27.8719, 0.3566,
0.4049

■ 26.6294, 0.4137,
0.5097

■ 28.2311, 0.3425,
0.3804

■ 28.6447, 0.3283,
0.3559

■ 29.1149, 0.3144,
0.3319

■ 29.6440, 0.3011,
0.3091

■ 30.2341, 0.2885,
0.2876

■ 30.8873, 0.2767,
0.2677

Harmonies

Analogous

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



27.0921, 0.4505, 0.4273



27.0921, 0.3932, 0.4698



27.0921, 0.3184, 0.4705

Triad

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



27.0921, 0.3932, 0.4698



27.0921, 0.1760, 0.2561



27.0921, 0.3720, 0.2615

Complementary

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



27.0921, 0.3932, 0.4698



5.9889, 0.2003, 0.1396

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.



27.0921, 0.2900, 0.2249



27.0921, 0.3932, 0.4698



27.0921, 0.1860, 0.2178

Square

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



27.0921, 0.3932, 0.4698



27.0921, 0.1958, 0.3263



27.0921, 0.2244, 0.2090



27.0921, 0.4426, 0.3125

Rectangle

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



27.0921, 0.3932, 0.4698



27.0921, 0.2687, 0.4376



27.0921, 0.2244, 0.2090



27.0921, 0.3442, 0.2473

Sweetspot

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



27.0933, 0.3932, 0.4698



50.7601, 0.3384, 0.3733



9.5717, 0.4961, 0.3319



11.5442, 0.3423, 0.3799



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.



27.0933, 0.3932, 0.4698



48.1318, 0.4041, 0.4900



23.8999, 0.3434, 0.4980



6.7350, 0.3255, 0.3509



23.0880, 0.4137, 0.5097



0.2851, 0.4167, 0.5073

Inverse Universe

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



5.9889, 0.2003, 0.1396



7.0450, 0.1769, 0.1014



7.9419, 0.2536, 0.1627



5.6416, 0.2994, 0.3062



1.8558, 0.1515, 0.0608



0.0245, 0.1586, 0.0647

Previews

White Background



This preview shows how the Yxy color 27.0921, 0.3932, 0.4698 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 27.0921, 0.3932, 0.4698 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 27.0921, 0.3932, 0.4698

Background



This preview shows how black text looks on a background with the Yxy color 27.0921, 0.3932, 0.4698.



This preview shows how white text looks on a background with the Yxy color 27.0921, 0.3932, 0.4698.

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

27.0921, 0.3932, 0.4698

Protanopia

26.9006, 0.4148, 0.4557

Deuteranopia

26.8950, 0.4388, 0.4305



Tritanopia

27.1192, 0.3179, 0.3118

Trichromacy



Original Color

27.0921, 0.3932, 0.4698

Protanomaly

27.0043, 0.4071, 0.4614

Deuteranomaly

26.6840, 0.4217, 0.4438

Tritanomaly

26.7947, 0.3488, 0.3700

Monochromacy



Original Color

27.0921, 0.3932, 0.4698

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.3067, 0.3458, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0921, 0.3932, 0.4698 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(144, 147, 57)` looks like.

```
.text, #text, p{  
    color:rgb(144, 147, 57)  
}
```

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(144, 147, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 147, 57) }
```

Border

The CSS property to change the border of an element to Yxy 27.0921, 0.3932, 0.4698 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(144, 147, 57) }
```

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

```
.border{ border-color:rgb(144, 147, 57) }
```

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

Here you see how a box with a 4 pixel rgb(144, 147, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 147, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 147, 57);  
box-shadow:4px 4px 4px 4px rgb(144, 147,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0921, 0.3932, 0.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 147, 57) }
```

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

```
.background{ background-color: rgb(144,  
147, 57) }
```

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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