

Converting Colors

$Y_{xy}(27.0719, 0.4177, 0.4723)$

Have a look what the booklet for
Yxy(27.0719, 0.4177, 0.4723)
contains.

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Color

Yxy(27.0969, 0.4172, 0.4721)

Conversions

Conversions Part 1

Format	Color
Hex	9B902C
RGB	155, 144, 44
RGB Percent	61%, 56%, 17%
CMY	0.3922, 0.4353, 0.8273
CMYK	0.00, 0.07, 0.72, 0.39
HSL	54°, 56%, 39%
HSV	54°, 72%, 61%
XYZ	23.9458, 27.0969, 6.3538
YIQ	135.8890, 38.6560, -28.7680

Conversions

Conversions Part 2

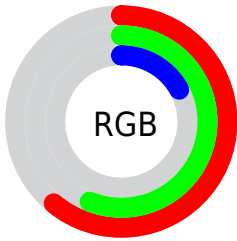
Format	Color
R_{YB}	56, 155, 44
Decimal	10194988
CIE _{Lab}	59.06, -7.76, 51.85
CIE _{LCh}	59, 52.423, 98.512
Yxy	27.0969, 0.4172, 0.4721
Android (android.graphics.Color)	4288385068 (0xFF9B902C)
YUV	135.8890, -45.3013, 16.7603
Hunter-Lab	52.0547, -8.9834, 29.2013

Details

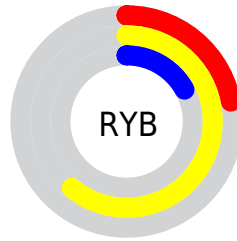
The Yxy color **27.0969, 0.4172, 0.4721** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.6377, 0.1825, 0.1236**, and the grayscale version is **24.7406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2297, 0.3995, 0.4461**, and **10.7147, 0.4296, 0.4971** is the 20% darker color. If you saturate the color by 10%, you get **26.5404, 0.4266, 0.4823**, and if you desaturate by 10%, it is **27.7059, 0.4054, 0.4579**.

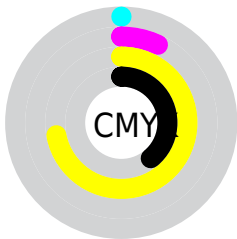
Distribution



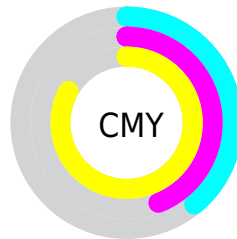
- Red (61%)
- Green (56%)
- Blue (17%)



- Red (22%)
- Yellow (61%)
- Blue (17%)



- Cyan (0%)
- Magenta (7%)
- Yellow (72%)
- Black (39%)




- Cyan (39%)
- Magenta (44%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0969, 0.4172, 0.4721 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 27.0969, 0.4172, 0.4721 by changing the saturation by 10% instead.


 27.0969, 0.4172,
0.4721


 27.0969, 0.4172,
0.4721


288.1260, 0.3656,
0.3976


 17.6460, 0.4276,
0.4894


 55.0393, 0.3997,
0.4453


 10.6961, 0.4384,
0.5097


 74.2996, 0.3926,
0.4351


 5.8629, 0.4568,
0.5432

 97.5986, 0.3865,
0.4264

 2.7619, 0.4480,
0.5520

 125.3205, 0.3812,
0.4189

 1.0087, 0.4311,
0.5689

 157.8498, 0.3766,
0.4125

 0.0000, 0.0000,
0.0000

 195.5709, 0.3725,

0.4069

238.8681, 0.3689,
0.4019

■ 27.0969, 0.4172,
0.4721

■ 27.0969, 0.4172,
0.4721

■ 26.5404, 0.4266,
0.4823

■ 27.7059, 0.4054,
0.4579

■ 26.0273, 0.4333,
0.4881

■ 28.3678, 0.3918,
0.4404

■ 25.6198, 0.4376,
0.4908

■ 29.0878, 0.3768,
0.4204

■ 29.8694, 0.3611,
0.3988

■ 30.7157, 0.3453,
0.3764

■ 31.6297, 0.3298,
0.3541

■ 32.6141, 0.3150,
0.3324

■ 33.6714, 0.3010,
0.3116

■ 34.8041, 0.2881,
0.2922

Harmonies

Analogous

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



27.0969, 0.4721, 0.4178



27.0969, 0.4172, 0.4721



27.0969, 0.3390, 0.4907

Triad

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



27.0969, 0.4172, 0.4721



27.0969, 0.1678, 0.2652



27.0969, 0.3535, 0.2441

Complementary

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



27.0969, 0.4172, 0.4721



5.6377, 0.1825, 0.1236

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.



27.0969, 0.2667, 0.2103



27.0969, 0.4172, 0.4721



27.0969, 0.1707, 0.2158

Square

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



27.0969, 0.4172, 0.4721



27.0969, 0.1968, 0.3497



27.0969, 0.2036, 0.1995



27.0969, 0.4380, 0.2951

Rectangle

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



27.0969, 0.4172, 0.4721



27.0969, 0.2840, 0.4668



27.0969, 0.2036, 0.1995



27.0969, 0.3231, 0.2305

Sweetspot

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



27.0982, 0.4172, 0.4721



55.0380, 0.3450, 0.3760



9.0493, 0.5258, 0.3148



12.3672, 0.3491, 0.3818



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.



27.0982, 0.4172, 0.4721



46.9634, 0.4310, 0.4863



26.9790, 0.3574, 0.5161



7.1183, 0.3262, 0.3489



20.6093, 0.4374, 0.4909



0.3343, 0.4285, 0.4980

Inverse Universe

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



5.6377, 0.1825, 0.1236



6.3931, 0.1614, 0.0857



6.2655, 0.2230, 0.1284



6.1200, 0.2988, 0.3083



2.2122, 0.1524, 0.0687



0.0558, 0.1632, 0.1075

Previews

White Background



This preview shows how the Yxy color 27.0969, 0.4172, 0.4721 looks on a white background.

Color Contrast Check

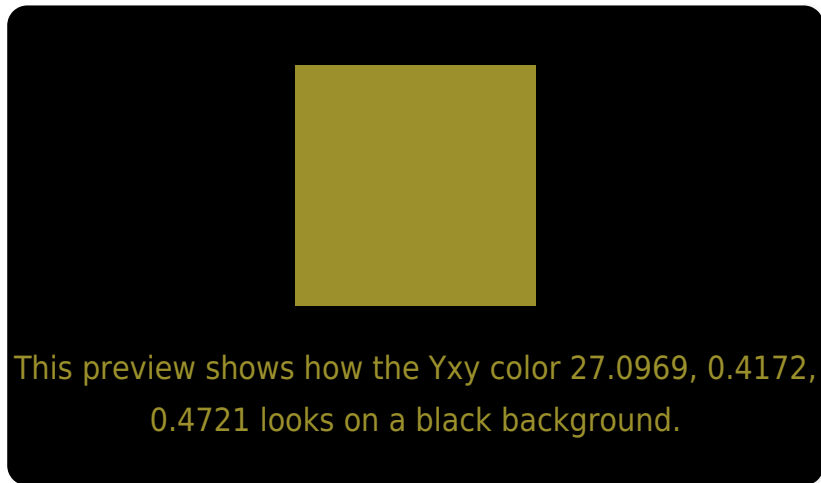
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

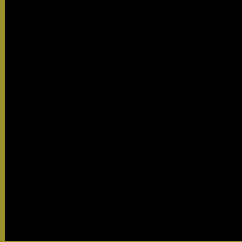
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0969, 0.4172, 0.4721

Background



This preview shows how black text looks on a background with the Yxy color 27.0969, 0.4172, 0.4721.



This preview shows how white text looks on a background with the Yxy color 27.0969, 0.4172, 0.4721.

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

27.0969, 0.4172, 0.4721

Protanopia

26.8988, 0.4240, 0.4669

Deuteranopia

26.9982, 0.4515, 0.4427



Tritanopia

26.8811, 0.3339, 0.3123

Trichromacy



Original Color

27.0969, 0.4172, 0.4721

Protanomaly

27.0959, 0.4217, 0.4688

Deuteranomaly

26.9203, 0.4398, 0.4526

Tritanomaly

26.7333, 0.3704, 0.3766

Monochromacy



Original Color

27.0969, 0.4172, 0.4721

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.2841, 0.3551, 0.3902

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0969, 0.4172, 0.4721 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(155, 144, 44)` looks like.

```
.text, #text, p{  
    color:rgb(155, 144, 44)  
}
```

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(155, 144, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 144, 44) }
```

Border

The CSS property to change the border of an element to Yxy 27.0969, 0.4172, 0.4721 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(155, 144, 44) }
```

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

```
.border{ border-color:rgb(155, 144, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 144, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 144, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 144, 44);  
box-shadow:4px 4px 4px 4px rgb(155, 144,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0969, 0.4172, 0.4721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 144, 44) }
```

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

```
.background{ background-color: rgb(155,  
144, 44) }
```

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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