

Converting Colors

$Y_{xy}(29.1100, 0.3969, 0.4461)$

Have a look what the booklet for
Yxy(29.1100, 0.3969, 0.4461)
contains.

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Color

Yxy(29.2189, 0.3971, 0.4465)

Conversions

Conversions Part 1

Format	Color
Hex	9E9547
RGB	158, 149, 71
RGB Percent	62%, 58%, 28%
CMY	0.3804, 0.4157, 0.7215
CMYK	0.00, 0.06, 0.55, 0.38
HSL	54°, 38%, 45%
HSV	54°, 55%, 62%
XYZ	25.9862, 29.2189, 10.2348
YIQ	142.7990, 30.4020, -22.3500

Conversions

Conversions Part 2

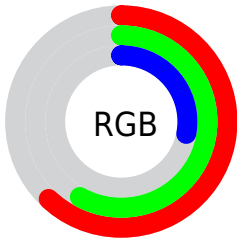
Format	Color
R_{YB}	81, 158, 71
Decimal	10392903
CIE Lab	60.97, -7.27, 41.78
CIE LCh	61, 42.406, 99.869
Yxy	29.2189, 0.3971, 0.4465
Android (android.graphics.Color)	4288582983 (0xFF9E9547)
YUV	142.7990, -35.3969, 13.3313
Hunter-Lab	54.0545, -8.7833, 26.6121

Details

The Yxy color **29.2189, 0.3971, 0.4465** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.5496, 0.2126, 0.1744**, and the grayscale version is **27.5201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4132, 0.3814, 0.4235**, and **11.9209, 0.4173, 0.4827** is the 20% darker color. If you saturate the color by 10%, you get **28.5293, 0.4103, 0.4629**, and if you desaturate by 10%, it is **29.9712, 0.3824, 0.4273**.

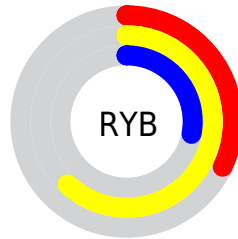
Distribution



Red (62%)

Green (58%)

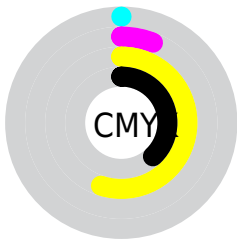
Blue (28%)



Red (32%)

Yellow (62%)

Blue (28%)

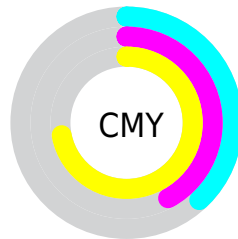


Cyan (0%)

Magenta (6%)

Yellow (55%)

Black (38%)



Cyan (38%)


Magenta (42%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2189, 0.3971, 0.4465 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 29.2189, 0.3971, 0.4465 by changing the saturation by 10% instead.


 29.2189, 0.3971,
0.4465


 29.2189, 0.3971,
0.4465


298.2464, 0.3543,
0.3843


 19.2465, 0.4070,
0.4622


 58.4247, 0.3819,
0.4235


 11.8485, 0.4185,
0.4819

 78.4269, 0.3760,
0.4149


 6.6406, 0.4314,
0.5066


 102.5411, 0.3710,
0.4077

 3.2384, 0.4524,
0.5476

 131.1517, 0.3667,
0.4016

 1.2574, 0.4392,
0.5608

 164.6431, 0.3630,
0.3964

 0.1079, 0.0000,
1.0000

203.3998, 0.3597,

 0.0000, 0.0000,

0.3918

0.0000

247.8061, 0.3568,
0.3878

■ 29.2189, 0.3971,
0.4465

■ 29.2189, 0.3971,
0.4465

■ 28.5293, 0.4103,
0.4629

■ 29.9712, 0.3824,
0.4273

■ 27.8942, 0.4214,
0.4757

■ 30.7860, 0.3668,
0.4062

■ 27.3100, 0.4300,
0.4842

■ 31.6679, 0.3509,
0.3840

■ 26.7707, 0.4360,
0.4886

■ 32.6202, 0.3352,
0.3617

■ 26.5126, 0.4385,
0.4900

■ 33.6458, 0.3201,
0.3398

■ 34.7474, 0.3057,
0.3187

■ 35.9277, 0.2924,
0.2989

■ 37.1891, 0.2802,
0.2804

■ 38.5340, 0.2690,
0.2633

Harmonies

Analogous

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



29.2189, 0.4405, 0.4073



29.2189, 0.3971, 0.4465



29.2189, 0.3338, 0.4538

Triad

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



29.2189, 0.3971, 0.4465



29.2189, 0.1936, 0.2777



29.2189, 0.3492, 0.2615

Complementary

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



29.2189, 0.3971, 0.4465



9.5496, 0.2126, 0.1744

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.



29.2189, 0.2795, 0.2322



29.2189, 0.3971, 0.4465



29.2189, 0.1967, 0.2368

Square

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



29.2189, 0.3971, 0.4465



29.2189, 0.2179, 0.3434



29.2189, 0.2260, 0.2228



29.2189, 0.4141, 0.3052

Rectangle

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



29.2189, 0.3971, 0.4465



29.2189, 0.2891, 0.4323



29.2189, 0.2260, 0.2228



29.2189, 0.3252, 0.2498

Sweetspot

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



29.2203, 0.3971, 0.4465



58.8303, 0.3387, 0.3668



12.3752, 0.4520, 0.3134



13.1894, 0.3417, 0.3709



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.



29.2203, 0.3971, 0.4465



51.5409, 0.4130, 0.4661



29.2440, 0.3542, 0.4757



7.6030, 0.3263, 0.3489



21.2667, 0.4383, 0.4902



0.4106, 0.4298, 0.4969

Inverse Universe

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



9.5496, 0.2126, 0.1744



12.1858, 0.1897, 0.1364



9.9429, 0.2460, 0.1725



6.5403, 0.2987, 0.3083



2.3124, 0.1525, 0.0690



0.0697, 0.1633, 0.1079

Previews

White Background



This preview shows how the Yxy color 29.2189, 0.3971, 0.4465 looks on a white background.

Color Contrast Check

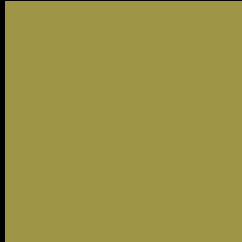
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2189, 0.3971, 0.4465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

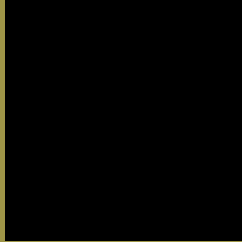
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2189, 0.3971, 0.4465

Background



This preview shows how black text looks on a background with the Yxy color 29.2189, 0.3971, 0.4465.



This preview shows how white text looks on a background with the Yxy color 29.2189, 0.3971, 0.4465.

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

29.2189, 0.3971, 0.4465

Protanopia

29.0962, 0.4052, 0.4426

Deuteranopia

29.0610, 0.4292, 0.4209



Tritanopia

29.0975, 0.3298, 0.3127

Trichromacy



Original Color

29.2189, 0.3971, 0.4465

Protanomaly

29.1991, 0.4021, 0.4449

Deuteranomaly

28.9970, 0.4184, 0.4298

Tritanomaly

28.8366, 0.3566, 0.3616

Monochromacy



Original Color

29.2189, 0.3971, 0.4465

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.8311, 0.3442, 0.3749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2189, 0.3971, 0.4465 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, 149, 71)` looks like.

```
.text, #text, p{  
    color:rgb(158, 149, 71)  
}
```

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, 149, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 149, 71) }
```

Border

The CSS property to change the border of an element to Yxy 29.2189, 0.3971, 0.4465 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, 149, 71) }
```

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

```
.border{ border-color:rgb(158, 149, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 149, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 149, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 149, 71);  
box-shadow:4px 4px 4px 4px rgb(158, 149,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2189, 0.3971, 0.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 149, 71) }
```

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

```
.background{ background-color: rgb(158,  
149, 71) }
```

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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