

Converting Colors

$Y_{xy}(29.1583, 0.3896, 0.4731)$

Have a look what the booklet for
Yxy(29.1583, 0.3896, 0.4731)
contains.

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Color

$Y_{xy}(29.2092, 0.3892, 0.4730)$

Conversions

Conversions Part 1

Format	Color
Hex	92993B
RGB	146, 153, 59
RGB Percent	57%, 60%, 23%
CMY	0.4275, 0.4000, 0.7686
CMYK	0.05, 0.00, 0.61, 0.40
HSL	64°, 44%, 42%
HSV	64°, 61%, 60%
XYZ	24.0343, 29.2092, 8.5096
YIQ	140.1910, 26.0020, -30.7180

Conversions

Conversions Part 2

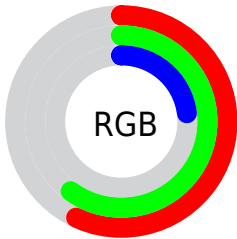
Format	Color
R_{YB}	59, 153, 66
Decimal	9607483
CIE _{Lab}	60.97, -15.57, 47.19
CIE _{LCh}	61, 49.693, 108.259
Yxy	29.2092, 0.3892, 0.4730
Android (android.graphics.Color)	4287797563 (0xFF92993B)
YUV	140.1910, -40.0272, 5.0945
Hunter-Lab	54.0455, -15.1999, 28.4966

Details

The Yxy color **29.2092, 0.3892, 0.4730** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.5877, 0.2032, 0.1400**, and the grayscale version is **26.4555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3080, 0.3772, 0.4445**, and **11.8299, 0.4048, 0.5168** is the 20% darker color. If you saturate the color by 10%, you get **28.9703, 0.3970, 0.4896**, and if you desaturate by 10%, it is **29.4984, 0.3792, 0.4530**.

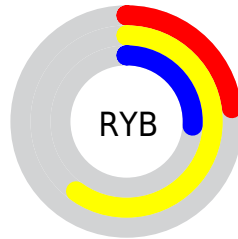
Distribution



Red (57%)

Green (60%)

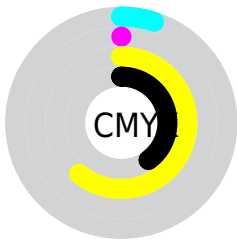
Blue (23%)



Red (23%)

Yellow (60%)

Blue (26%)

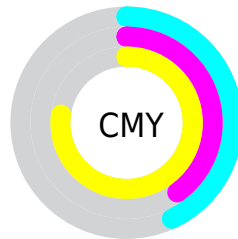


Cyan (5%)

Magenta (0%)

Yellow (61%)

Black (40%)



Cyan (43%)


Magenta (40%)

Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2092, 0.3892, 0.4730 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 29.2092, 0.3892, 0.4730 by changing the saturation by 10% instead.


 29.2092, 0.3892,
0.4730

 29.2092, 0.3892,
0.4730


298.2007, 0.3523,
0.3958

 19.2391, 0.3965,
0.4926


 58.4093, 0.3768,
0.4443


 11.8432, 0.4039,
0.5172


 78.4081, 0.3718,
0.4336


 6.6370, 0.4124,
0.5516


 102.5187, 0.3674,
0.4247

 3.2361, 0.4111,
0.5889

 131.1253, 0.3636,
0.4172

 1.2562, 0.3812,
0.6188

 164.6124, 0.3603,
0.4107

 0.1069, 0.0000,
1.0000

 203.3644, 0.3573,

 0.0000, 0.0000,

0.4050

0.0000

247.7658, 0.3547,
0.4001

■ 29.2092, 0.3892,
0.4730

■ 29.2092, 0.3892,
0.4730

■ 28.9703, 0.3970,
0.4896

■ 29.4984, 0.3792,
0.4530

■ 28.7735, 0.4025,
0.5022

■ 29.8374, 0.3676,
0.4304

■ 28.6150, 0.4054,
0.5106

■ 30.2311, 0.3548,
0.4062

■ 28.4992, 0.4065,
0.5154

■ 30.6825, 0.3414,
0.3813

■ 31.1943, 0.3279,
0.3565

■ 31.7692, 0.3146,
0.3324

■ 32.4096, 0.3018,
0.3094

■ 33.1180, 0.2897,
0.2880

■ 33.8964, 0.2784,
0.2681

Harmonies

Analogous

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



29.2092, 0.4489, 0.4316



29.2092, 0.3892, 0.4730



29.2092, 0.3132, 0.4702

Triad

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



29.2092, 0.3892, 0.4730



29.2092, 0.1745, 0.2516



29.2092, 0.3781, 0.2638

Complementary

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



29.2092, 0.3892, 0.4730



6.5877, 0.2032, 0.1400

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.



29.2092, 0.2949, 0.2258



29.2092, 0.3892, 0.4730



29.2092, 0.1865, 0.2153

Square

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



29.2092, 0.3892, 0.4730



29.2092, 0.1923, 0.3207



29.2092, 0.2271, 0.2082



29.2092, 0.4475, 0.3159

Rectangle

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



29.2092, 0.3892, 0.4730



29.2092, 0.2634, 0.4344



29.2092, 0.2271, 0.2082



29.2092, 0.3501, 0.2492

Sweetspot

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



29.2105, 0.3892, 0.4730



55.2154, 0.3373, 0.3736



10.9008, 0.4926, 0.3391



12.1397, 0.3409, 0.3803



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.



29.2105, 0.3892, 0.4730



51.7280, 0.3995, 0.4952



25.7945, 0.3387, 0.5018



7.1995, 0.3249, 0.3511



23.5587, 0.4066, 0.5153



0.3582, 0.4127, 0.5105

Inverse Universe

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



6.5877, 0.2032, 0.1400



7.5960, 0.1785, 0.1001



8.8915, 0.2597, 0.1645



6.0472, 0.2999, 0.3061



1.9683, 0.1532, 0.0617



0.0346, 0.1685, 0.0702

Previews

White Background



This preview shows how the Yxy color 29.2092, 0.3892, 0.4730 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 29.2092, 0.3892, 0.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

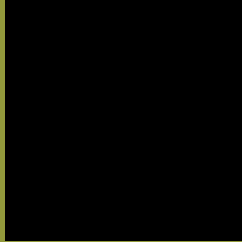
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2092, 0.3892, 0.4730

Background



This preview shows how black text looks on a background with the Yxy color 29.2092, 0.3892, 0.4730.



This preview shows how white text looks on a background with the Yxy color 29.2092, 0.3892, 0.4730.

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

29.2092, 0.3892, 0.4730

Protanopia

29.0554, 0.4162, 0.4567

Deuteranopia

29.0601, 0.4388, 0.4313



Tritanopia

29.0794, 0.3146, 0.3107

Trichromacy



Original Color

29.2092, 0.3892, 0.4730

Protanomaly

28.9685, 0.4057, 0.4625

Deuteranomaly

29.0336, 0.4202, 0.4459

Tritanomaly

28.8989, 0.3450, 0.3724

Monochromacy



Original Color

29.2092, 0.3892, 0.4730

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.1493, 0.3435, 0.3862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2092, 0.3892, 0.4730 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(146, 153, 59)` looks like.

```
.text, #text, p{  
    color:rgb(146, 153, 59)  
}
```

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(146, 153, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 153, 59) }
```

Border

The CSS property to change the border of an element to Yxy 29.2092, 0.3892, 0.4730 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(146, 153, 59) }
```

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

```
.border{ border-color:rgb(146, 153, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 153, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 153, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 153, 59);  
box-shadow:4px 4px 4px 4px rgb(146, 153,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2092, 0.3892, 0.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 153, 59) }
```

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

```
.background{ background-color: rgb(146,  
153, 59) }
```

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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