

Converting Colors

$Yxy(32.8906, 0.3911, 0.4688)$

Have a look what the booklet for
Yxy(32.8906, 0.3911, 0.4688)
contains.

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Color

Yxy(32.9393, 0.3901, 0.4688)

Conversions

Conversions Part 1

Format	Color
Hex	9CA141
RGB	156, 161, 65
RGB Percent	61%, 63%, 25%
CMY	0.3882, 0.3686, 0.7451
CMYK	0.03, 0.00, 0.60, 0.37
HSL	63°, 42%, 44%
HSV	63°, 60%, 63%
XYZ	27.4096, 32.9393, 9.9141
YIQ	148.5610, 27.8360, -30.9160

Conversions

Conversions Part 2

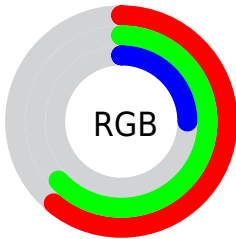
Format	Color
RYB	65, 161, 70
Decimal	10264897
CIELab	64.11, -14.97, 48.15
CIELCh	64, 50.421, 107.273
Yxy	32.9393, 0.3901, 0.4688
Android (android.graphics.Color)	4288454977 (0xFF9CA141)
YUV	148.5610, -41.1956, 6.5240
Hunter-Lab	57.3928, -15.1894, 29.9331

Details

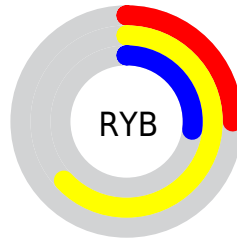
The Yxy color **32.9393, 0.3901, 0.4688** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.6563, 0.2042, 0.1441**, and the grayscale version is **30.0291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5422, 0.3778, 0.4417**, and **13.9942, 0.4045, 0.5100** is the 20% darker color. If you saturate the color by 10%, you get **32.6967, 0.3987, 0.4856**, and if you desaturate by 10%, it is **33.2387, 0.3794, 0.4487**.

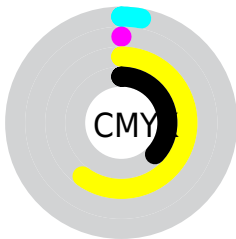
Distribution



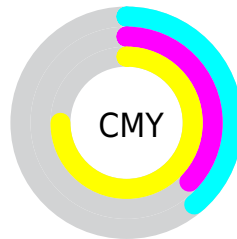
- Red (61%)
- Green (63%)
- Blue (25%)



- Red (25%)
- Yellow (63%)
- Blue (27%)



- Cyan (3%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)





- Cyan (39%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9393, 0.3901, 0.4688 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 32.9393, 0.3901, 0.4688 by changing the saturation by 10% instead.


 32.9393, 0.3901,
0.4688


 32.9393, 0.3901,
0.4688


315.3761, 0.3532,
0.3954


 22.0799, 0.3975,
0.4870


 64.2807, 0.3778,
0.4419


 13.9157, 0.4052,
0.5096


 85.5316, 0.3728,
0.4318

 8.0620, 0.4122,
0.5380

 111.0152, 0.3684,
0.4233

 4.1347, 0.4201,
0.5799

 141.1157, 0.3646,
0.4160

 1.7492, 0.3969,
0.6031

 176.2177, 0.3612,
0.4098

 0.4552, 0.1286,
0.8714

216.7055, 0.3582,

 0.0000, 0.0000,

0.4043

0.0000

262.9635, 0.3556,
0.3996

■ 32.9393, 0.3901,
0.4688

■ 32.9393, 0.3901,
0.4688

■ 32.6967, 0.3987,
0.4856

■ 33.2387, 0.3794,
0.4487

■ 32.5016, 0.4049,
0.4984

■ 33.5945, 0.3671,
0.4260

■ 32.3502, 0.4086,
0.5070

■ 34.0119, 0.3537,
0.4018

■ 32.2303, 0.4103,
0.5122

■ 34.4943, 0.3398,
0.3769

■ 32.2260, 0.4104,
0.5124

■ 35.0447, 0.3259,
0.3521

■ 35.6663, 0.3122,
0.3281

■ 36.3617, 0.2991,
0.3053

■ 37.1335, 0.2868,
0.2840

■ 37.9843, 0.2754,
0.2643

Harmonies

Analogous

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



32.9393, 0.4474, 0.4281



32.9393, 0.3901, 0.4688



32.9393, 0.3160, 0.4673

Triad

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



32.9393, 0.3901, 0.4688



32.9393, 0.1775, 0.2554



32.9393, 0.3739, 0.2638

Complementary

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



32.9393, 0.3901, 0.4688



7.6563, 0.2042, 0.1441

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.



32.9393, 0.2929, 0.2270



32.9393, 0.3901, 0.4688



32.9393, 0.1883, 0.2185

Square

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



32.9393, 0.3901, 0.4688



32.9393, 0.1961, 0.3238



32.9393, 0.2273, 0.2105



32.9393, 0.4425, 0.3147

Rectangle

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



32.9393, 0.3901, 0.4688



32.9393, 0.2671, 0.4337



32.9393, 0.2273, 0.2105



32.9393, 0.3466, 0.2496

Sweetspot

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



32.9408, 0.3901, 0.4688



61.8934, 0.3380, 0.3737



12.3147, 0.4874, 0.3366



13.5185, 0.3419, 0.3805



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.



32.9408, 0.3901, 0.4688



58.4142, 0.4013, 0.4908



29.0736, 0.3401, 0.4966



8.2184, 0.3254, 0.3513



25.7422, 0.4104, 0.5123



0.5462, 0.4139, 0.5096

Inverse Universe

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



7.6563, 0.2042, 0.1441



8.8620, 0.1794, 0.1037



10.1919, 0.2593, 0.1676



6.8767, 0.2994, 0.3058



2.1040, 0.1521, 0.0612



0.0492, 0.1621, 0.0667

Previews

White Background



This preview shows how the Yxy color 32.9393, 0.3901, 0.4688 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.9393, 0.3901, 0.4688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

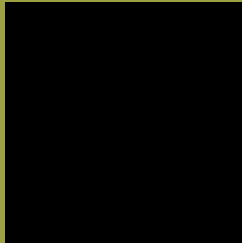
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9393, 0.3901, 0.4688

Background



This preview shows how black text looks on a background with the Yxy color 32.9393, 0.3901, 0.4688.



This preview shows how white text looks on a background with the Yxy color 32.9393, 0.3901, 0.4688.

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

32.9393, 0.3901, 0.4688

Protanopia

32.6858, 0.4148, 0.4541

Deuteranopia

32.8159, 0.4371, 0.4294



Tritanopia

32.8846, 0.3165, 0.3116

Trichromacy



Original Color

32.9393, 0.3901, 0.4688

Protanomaly

32.6996, 0.4058, 0.4589

Deuteranomaly

32.7835, 0.4194, 0.4432

Tritanomaly

32.6564, 0.3465, 0.3716

Monochromacy



Original Color

32.9393, 0.3901, 0.4688

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.7659, 0.3451, 0.3846

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9393, 0.3901, 0.4688 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(156, 161, 65)` looks like.

```
.text, #text, p{  
    color:rgb(156, 161, 65)  
}
```

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(156, 161, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 161, 65) }
```

Border

The CSS property to change the border of an element to Yxy 32.9393, 0.3901, 0.4688 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(156, 161, 65) }
```

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

```
.border{ border-color:rgb(156, 161, 65) }
```

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

Here you see how a box with a 4 pixel rgb(156, 161, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 161, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 161, 65);  
box-shadow:4px 4px 4px 4px rgb(156, 161,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9393, 0.3901, 0.4688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 161, 65) }
```

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

```
.background{ background-color: rgb(156,  
161, 65) }
```

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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