

Converting Colors

$Yxy(29.4897, 0.3392, 0.3415)$

Have a look what the booklet for
Yxy(29.4897, 0.3392, 0.3415)
contains.

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Color

Yxy(29.3012, 0.3392, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	A19088
RGB	161, 144, 136
RGB Percent	63%, 56%, 53%
CMY	0.3687, 0.4353, 0.4667
CMYK	0.00, 0.11, 0.16, 0.37
HSL	19°, 12%, 58%
HSV	19°, 16%, 63%
XYZ	29.1124, 29.3012, 27.4130
YIQ	148.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

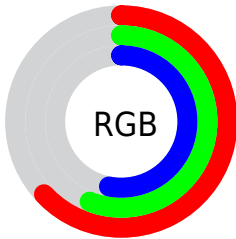
Format	Color
RYB	161, 148, 136
Decimal	10588296
CIELab	61.05, 4.94, 6.55
CIELCh	61, 8.207, 52.957
Yxy	29.3012, 0.3392, 0.3414
Android (android.graphics.Color)	4288778376 (0xFFA19088)
YUV	148.1710, -6.0003, 11.2510
Hunter-Lab	54.1306, 1.2719, 7.8655

Details

The Yxy color **29.3012, 0.3392, 0.3414** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5798, 0.2893, 0.3163**, and the grayscale version is **29.7108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6612, 0.3339, 0.3395**, and **11.9285, 0.3486, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **25.7244, 0.3602, 0.3500**, and if you desaturate by 10%, it is **33.2704, 0.3214, 0.3333**.

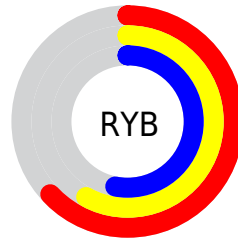
Distribution



Red (63%)

Green (56%)

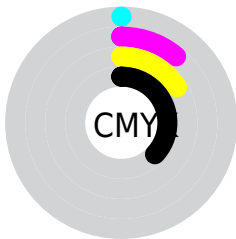
Blue (53%)



Red (63%)

Yellow (58%)

Blue (53%)

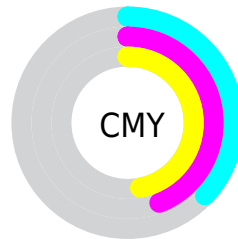


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3012, 0.3392, 0.3414 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 29.3012, 0.3392, 0.3414 by changing the saturation by 10% instead.


 29.3012, 0.3392,
0.3414


 29.3012, 0.3392,
0.3414


298.6335, 0.3249,
0.3349


 19.3088, 0.3432,
0.3432


 58.5553, 0.3337,
0.3389

 11.8936, 0.3486,
0.3455


 78.5858, 0.3317,
0.3380

 6.6713, 0.3563,
0.3487


 102.7311, 0.3301,
0.3373

 3.2574, 0.3682,
0.3535

131.3755, 0.3287,
0.3366

 1.2675, 0.3893,
0.3616

164.9036, 0.3275,
0.3361

 0.1159, 0.6658,
0.3342

203.6997, 0.3265,

 0.0000, 0.0000,

0.3356

0.0000

248.1482, 0.3256,
0.3352

■ 29.3012, 0.3392,
0.3414

■ 29.3012, 0.3392,
0.3414

■ 25.7244, 0.3602,
0.3500

■ 33.2704, 0.3214,
0.3333

■ 22.5238, 0.3847,
0.3586

■ 37.6395, 0.3063,
0.3257

■ 19.6880, 0.4129,
0.3670

■ 42.4210, 0.2934,
0.3187

■ 17.2035, 0.4448,
0.3744

■ 47.6255, 0.2825,
0.3122

■ 15.0558, 0.4793,
0.3799

■ 53.2633, 0.2733,
0.3064

■ 13.2294, 0.5147,
0.3821

■ 59.3441, 0.2653,
0.3011

■ 11.7074, 0.5484,
0.3802

■ 65.8777, 0.2585,
0.2962

■ 10.4703, 0.5772,
0.3737

■ 72.2269, 0.2572,
0.3022

■ 9.9977, 0.5892,
0.3704

■ 78.5589, 0.2590,
0.3148

Harmonies

Analogous

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



29.3012, 0.3357, 0.3302



29.3012, 0.3392, 0.3414



29.3012, 0.3354, 0.3497

Triad

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



29.3012, 0.3392, 0.3414



29.3012, 0.2994, 0.3394



29.3012, 0.2997, 0.3064

Complementary

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



29.3012, 0.3392, 0.3414



30.5798, 0.2893, 0.3163

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.



29.3012, 0.2904, 0.3083



29.3012, 0.3392, 0.3414



29.3012, 0.2902, 0.3272

Square

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



29.3012, 0.3392, 0.3414



29.3012, 0.3123, 0.3488



29.3012, 0.2869, 0.3158



29.3012, 0.3127, 0.3103

Rectangle

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



29.3012, 0.3392, 0.3414



29.3012, 0.3293, 0.3523



29.3012, 0.2869, 0.3158



29.3012, 0.2961, 0.3064

Sweetspot

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



29.3025, 0.3392, 0.3414



59.9169, 0.3207, 0.3329



27.4855, 0.3226, 0.3031



13.0330, 0.3217, 0.3334



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.



29.3025, 0.3392, 0.3414



49.9497, 0.3469, 0.3446



33.2651, 0.3364, 0.3599



7.4395, 0.3277, 0.3363



8.0535, 0.5877, 0.3715



0.2514, 0.5212, 0.4244

Inverse Universe

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



30.5798, 0.2893, 0.3163



52.7270, 0.2835, 0.3128



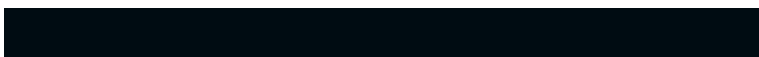
26.7326, 0.2885, 0.2961



7.6264, 0.2987, 0.3216



10.9298, 0.1953, 0.2229



0.3092, 0.2072, 0.2659

Previews

White Background



This preview shows how the Yxy color 29.3012, 0.3392, 0.3414 looks on a white background.

Color Contrast Check

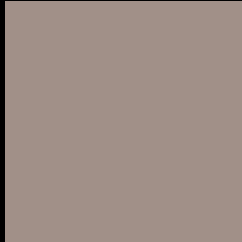
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3012, 0.3392, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

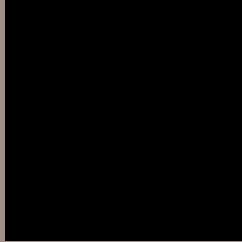
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3012, 0.3392, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 29.3012, 0.3392, 0.3414.



This preview shows how white text looks on a background with the Yxy color 29.3012, 0.3392, 0.3414.

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

29.3012, 0.3392, 0.3414

Protanopia

29.3778, 0.3268, 0.3432

Deuteranopia

29.2306, 0.3453, 0.3382



Tritanopia

29.4324, 0.3242, 0.3126

Trichromacy



Original Color

29.3012, 0.3392, 0.3414

Protanomaly

29.3325, 0.3312, 0.3431

Deuteranomaly

29.3150, 0.3428, 0.3398

Tritanomaly

29.4329, 0.3291, 0.3230

Monochromacy



Original Color

29.3012, 0.3392, 0.3414

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.6534, 0.3219, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3012, 0.3392, 0.3414 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(161, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(161, 144, 136)  
}
```

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(161, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 144, 136) }
```

Border

The CSS property to change the border of an element to Yxy 29.3012, 0.3392, 0.3414 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(161, 144, 136) }
```

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

```
.border{ border-color:rgb(161, 144, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 144, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 144, 136);  
box-shadow:4px 4px 4px 4px rgb(161, 144,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3012, 0.3392, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 144, 136) }
```

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

```
.background{ background-color: rgb(161,  
144, 136) }
```

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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