

Converting Colors

$Yxy(33.2661, 0.3147, 0.3491)$

Have a look what the booklet for
Yxy(33.2661, 0.3147, 0.3491)
contains.

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Color

Yxy(33.2612, 0.3147, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	959F92
RGB	149, 159, 146
RGB Percent	58%, 62%, 57%
CMY	0.4156, 0.3765, 0.4275
CMYK	0.06, 0.00, 0.08, 0.38
HSL	106°, 6%, 60%
HSV	106°, 8%, 62%
XYZ	29.9837, 33.2612, 32.0321
YIQ	154.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

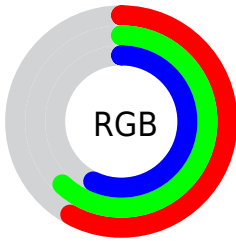
Format	Color
RYB	146, 159, 156
Decimal	9805714
CIELab	64.37, -6.06, 5.56
CIELCh	64, 8.221, 137.484
Yxy	33.2612, 0.3147, 0.3491
Android (android.graphics.Color)	4287995794 (0xFF959F92)
YUV	154.5280, -4.2043, -4.8481
Hunter-Lab	57.6725, -8.1256, 7.4403

Details

The Yxy color **33.2612, 0.3147, 0.3491** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1251, 0.3105, 0.3093**, and the grayscale version is **32.5806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9598, 0.3142, 0.3453**, and **14.1663, 0.3142, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **31.7135, 0.3170, 0.3762**, and if you desaturate by 10%, it is **35.0008, 0.3123, 0.3248**.

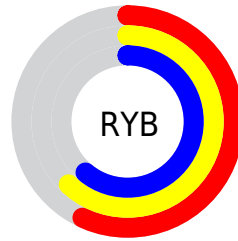
Distribution



Red (58%)

Green (62%)

Blue (57%)



Red (57%)

Yellow (62%)

Blue (61%)

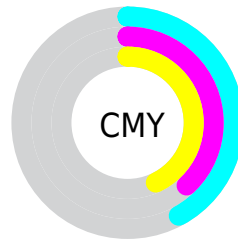


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (42%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2612, 0.3147, 0.3491 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 33.2612, 0.3147, 0.3491 by changing the saturation by 10% instead.


 33.2612, 0.3147,
0.3491


 33.2612, 0.3147,
0.3491


316.8251, 0.3137,
0.3384

 22.3266, 0.3149,
0.3520


 64.7831, 0.3143,
0.3450

 14.0971, 0.3152,
0.3560


 86.1392, 0.3142,
0.3435

 8.1882, 0.3156,
0.3615


111.7380, 0.3141,
0.3423

 4.2156, 0.3162,
0.3700

141.9638, 0.3140,
0.3413

 1.7949, 0.3168,
0.3843

177.2010, 0.3139,
0.3404

 0.4840, 0.3339,
0.5178

217.8340, 0.3138,

 0.0000, 0.0000,

0.3396

0.0000

264.2472, 0.3138,
0.3390

■ 33.2612, 0.3147,
0.3491

■ 33.2612, 0.3147,
0.3491

■ 31.7135, 0.3170,
0.3762

■ 35.0008, 0.3123,
0.3248

■ 30.3469, 0.3189,
0.4058

■ 36.9341, 0.3098,
0.3032

■ 29.1560, 0.3204,
0.4375

■ 39.0685, 0.3073,
0.2841


■ 28.1333, 0.3212,
0.4702

■ 41.4097, 0.3050,
0.2674

■ 27.2711, 0.3210,
0.5025


■ 43.9630, 0.3027,
0.2528


 26.5608, 0.3198,
0.5324

 46.7337, 0.3006,
0.2400

 25.9929, 0.3174,
0.5580

 49.5781, 0.3003,
0.2307

 25.5571, 0.3140,
0.5774

 51.7193, 0.3102,
0.2336

 25.2380, 0.3101,
0.5903

 53.2756, 0.3171,
0.2357

Harmonies

Analogous

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



33.2612, 0.3270, 0.3516



33.2612, 0.3147, 0.3491



33.2612, 0.3020, 0.3409

Triad

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



33.2612, 0.3147, 0.3491



33.2612, 0.2902, 0.3101



33.2612, 0.3335, 0.3281

Complementary

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



33.2612, 0.3147, 0.3491



30.1251, 0.3105, 0.3093

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.



33.2612, 0.3233, 0.3175



33.2612, 0.3147, 0.3491



33.2612, 0.2983, 0.3072

Square

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



33.2612, 0.3147, 0.3491



33.2612, 0.2880, 0.3181



33.2612, 0.3103, 0.3099



33.2612, 0.3380, 0.3391

Rectangle

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



33.2612, 0.3147, 0.3491



33.2612, 0.2951, 0.3334



33.2612, 0.3103, 0.3099



33.2612, 0.3306, 0.3244

Sweetspot

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



33.2626, 0.3147, 0.3491



61.4421, 0.3132, 0.3338



33.2110, 0.3250, 0.3441



13.8605, 0.3132, 0.3336



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.



33.2626, 0.3147, 0.3491



58.9865, 0.3152, 0.3543



33.0911, 0.3087, 0.3438



7.4719, 0.3150, 0.3519



19.9123, 0.3100, 0.5920



0.3732, 0.3363, 0.5712

Inverse Universe

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



30.1251, 0.3105, 0.3093



52.0772, 0.3099, 0.3044



30.3120, 0.3170, 0.3147



6.6767, 0.3102, 0.3067



5.2638, 0.2638, 0.1227



0.1116, 0.2881, 0.1361

Previews

White Background



This preview shows how the Yxy color 33.2612, 0.3147, 0.3491 looks on a white background.

Color Contrast Check

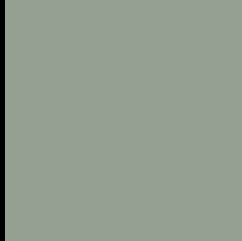
Large Text (above 18pt) WCAG AA × Fail

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 33.2612, 0.3147, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

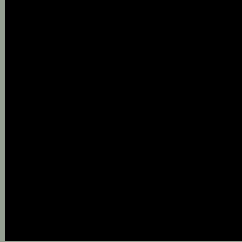
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

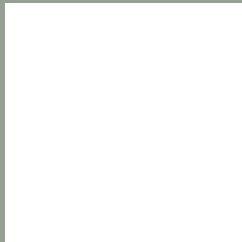
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.2612, 0.3147, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 33.2612, 0.3147, 0.3491.



This preview shows how white text looks on a background with the Yxy color 33.2612, 0.3147, 0.3491.

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

33.2612, 0.3147, 0.3491

Protanopia

33.0334, 0.3290, 0.3456

Deuteranopia

33.2700, 0.3394, 0.3334



Tritanopia

33.2795, 0.2983, 0.3111

Trichromacy



Original Color

33.2612, 0.3147, 0.3491

Protanomaly

32.9894, 0.3239, 0.3457

Deuteranomaly

33.2171, 0.3304, 0.3394

Tritanomaly

33.2313, 0.3043, 0.3244

Monochromacy



Original Color

33.2612, 0.3147, 0.3491

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.8162, 0.3134, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2612, 0.3147, 0.3491 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(149, 159, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 159, 146)  
}
```

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(149, 159, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 159, 146) }
```

Border

The CSS property to change the border of an element to Yxy 33.2612, 0.3147, 0.3491 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(149, 159, 146) }
```

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

```
.border{ border-color:rgb(149, 159, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 159, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 159, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 159, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 159,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2612, 0.3147, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 159, 146) }
```

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

```
.background{ background-color: rgb(149,  
159, 146) }
```

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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