

Converting Colors

$Yxy(33.1892, 0.3107, 0.3826)$

Have a look what the booklet for
Yxy(33.1892, 0.3107, 0.3826)
contains.

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Color

Yxy(33.0951, 0.3111, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	84A483
RGB	132, 164, 131
RGB Percent	52%, 64%, 51%
CMY	0.4823, 0.3569, 0.4862
CMYK	0.20, 0.00, 0.20, 0.36
HSL	118°, 15%, 58%
HSV	118°, 20%, 64%
XYZ	26.8892, 33.0951, 26.4484
YIQ	150.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

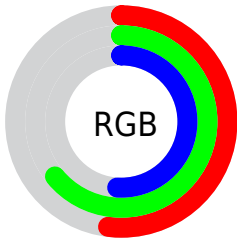
Format	Color
RYB	131, 164, 163
Decimal	8692867
CIELab	64.24, -17.62, 13.55
CIELCh	64, 22.228, 142.433
Yxy	33.0951, 0.3111, 0.3829
Android (android.graphics.Color)	4286882947 (0xFF84A483)
YUV	150.6700, -9.6973, -16.3736
Hunter-Lab	57.5283, -17.2422, 13.0115

Details

The Yxy color **33.0951, 0.3111, 0.3829** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.7047, 0.3139, 0.2801**, and the grayscale version is **30.8454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4380, 0.3114, 0.3717**, and **13.9914, 0.3093, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **31.5001, 0.3100, 0.4144**, and if you desaturate by 10%, it is **34.9589, 0.3120, 0.3544**.

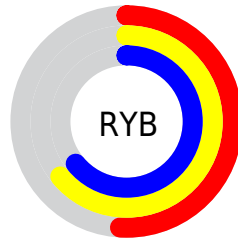
Distribution



Red (52%)

Green (64%)

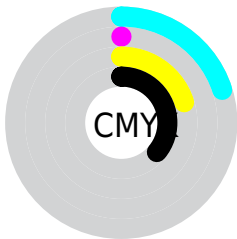
Blue (51%)



Red (51%)

Yellow (64%)

Blue (64%)

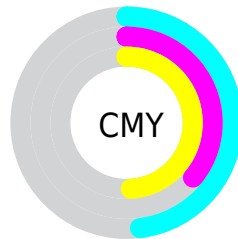


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (48%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0951, 0.3111, 0.3829 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 33.0951, 0.3111, 0.3829 by changing the saturation by 10% instead.


 33.0951, 0.3111,
0.3829


 33.0951, 0.3111,
0.3829


316.0780, 0.3124,
0.3535

 22.1993, 0.3106,
0.3911


 64.5240, 0.3117,
0.3716

 14.0034, 0.3097,
0.4023


 85.8258, 0.3119,
0.3675

 8.1230, 0.3082,
0.4183


 111.3652, 0.3120,
0.3642

 4.1738, 0.3054,
0.4432

141.5264, 0.3122,
0.3614

 1.7712, 0.3001,
0.4881

176.6939, 0.3122,
0.3590

 0.4692, 0.0326,
0.9674

217.2521, 0.3123,

 0.0000, 0.0000,

0.3569

0.0000

263.5853, 0.3124,
0.3551

■ 33.0951, 0.3111,
0.3829

■ 33.0951, 0.3111,
0.3829

■ 31.5001, 0.3100,
0.4144

■ 34.9589, 0.3120,
0.3544

■ 30.1575, 0.3088,
0.4484

■ 37.0986, 0.3127,
0.3293

■ 29.0557, 0.3073,
0.4834


■ 39.5262, 0.3133,
0.3073

■ 28.1804, 0.3058,
0.5175


■ 42.2520, 0.3137,
0.2883


■ 27.5158, 0.3042,
0.5481


■ 45.2856, 0.3141,
0.2719

 27.0443, 0.3027,
0.5728

 48.6362, 0.3144,
0.2578

 26.7451, 0.3014,
0.5896

 52.3125, 0.3146,
0.2457

 26.5832, 0.3007,
0.5994

 55.0314, 0.3169,
0.2403

Harmonies

Analogous

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



33.0951, 0.3454, 0.3915



33.0951, 0.3111, 0.3829



33.0951, 0.2785, 0.3570

Triad

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



33.0951, 0.3111, 0.3829



33.0951, 0.2557, 0.2760



33.0951, 0.3729, 0.3300

Complementary

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



33.0951, 0.3111, 0.3829



26.7047, 0.3139, 0.2801

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.



33.0951, 0.3463, 0.3027



33.0951, 0.3111, 0.3829



33.0951, 0.2784, 0.2724

Square

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



33.0951, 0.3111, 0.3829



33.0951, 0.2477, 0.2938



33.0951, 0.3113, 0.2821



33.0951, 0.3823, 0.3584

Rectangle

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



33.0951, 0.3111, 0.3829



33.0951, 0.2619, 0.3346



33.0951, 0.3113, 0.2821



33.0951, 0.3656, 0.3205

Sweetspot

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



33.0965, 0.3111, 0.3829



64.9474, 0.3123, 0.3440



35.6913, 0.3426, 0.3764



14.1482, 0.3123, 0.3455



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.0965, 0.3111, 0.3829



58.7596, 0.3107, 0.3962



33.4660, 0.2974, 0.3572



7.9047, 0.3121, 0.3522



20.3861, 0.3009, 0.5993



0.4312, 0.3049, 0.5961

Inverse Universe

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



26.7047, 0.3139, 0.2801



45.0806, 0.3141, 0.2694



26.2868, 0.3315, 0.3024



7.1913, 0.3133, 0.3068



7.7165, 0.3136, 0.1501



0.1653, 0.3164, 0.1517

Previews

White Background



This preview shows how the Yxy color 33.0951, 0.3111, 0.3829 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 33.0951, 0.3111, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

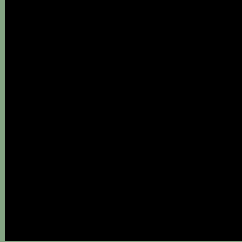
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0951, 0.3111, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 33.0951, 0.3111, 0.3829.



This preview shows how white text looks on a background with the Yxy color 33.0951, 0.3111, 0.3829.

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

33.0951, 0.3111, 0.3829

Protanopia

32.8675, 0.3486, 0.3713

Deuteranopia

32.9989, 0.3582, 0.3521



Tritanopia

33.2255, 0.2842, 0.3106

Trichromacy



Original Color

33.0951, 0.3111, 0.3829

Protanomaly

32.6876, 0.3343, 0.3759

Deuteranomaly

32.7132, 0.3396, 0.3625

Tritanomaly

33.1243, 0.2938, 0.3368

Monochromacy



Original Color

33.0951, 0.3111, 0.3829

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.7198, 0.3118, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0951, 0.3111, 0.3829 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(132, 164, 131)` looks like.

```
.text, #text, p{  
    color:rgb(132, 164, 131)  
}
```

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(132, 164, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 164, 131) }
```

Border

The CSS property to change the border of an element to Yxy 33.0951, 0.3111, 0.3829 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(132, 164, 131) }
```

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

```
.border{ border-color:rgb(132, 164, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 164, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 164, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 164, 131);  
box-shadow:4px 4px 4px 4px rgb(132, 164,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0951, 0.3111, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 164, 131) }
```

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

```
.background{ background-color: rgb(132,  
164, 131) }
```

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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