

Converting Colors

$Yxy(30.8206, 0.3372, 0.4274)$

Have a look what the booklet for
Yxy(30.8206, 0.3372, 0.4274)
contains.

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Color

Yxy(30.9867, 0.3374, 0.4278)

Conversions

Conversions Part 1

Format	Color
Hex	84A065
RGB	132, 160, 101
RGB Percent	52%, 63%, 40%
CMY	0.4823, 0.3726, 0.6039
CMYK	0.17, 0.00, 0.37, 0.37
HSL	88°, 24%, 51%
HSV	88°, 37%, 63%
XYZ	24.4388, 30.9867, 17.0072
YIQ	144.9020, 2.2510, -24.2850

Conversions

Conversions Part 2

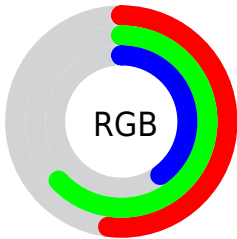
Format	Color
RYB	101, 160, 129
Decimal	8691813
CIELab	62.50, -20.40, 27.63
CIElCh	62, 34.346, 126.444
Yxy	30.9867, 0.3374, 0.4278
Android (android.graphics.Color)	4286881893 (0xFF84A065)
YUV	144.9020, -21.6437, -11.3151
Hunter-Lab	55.6657, -19.0485, 20.8515

Details

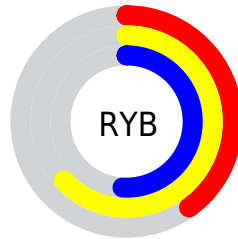
The Yxy color **30.9867, 0.3374, 0.4278** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5131, 0.2787, 0.2295**, and the grayscale version is **28.3650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3399, 0.3332, 0.4063**, and **12.7315, 0.3423, 0.4636** is the 20% darker color. If you saturate the color by 10%, you get **30.1145, 0.3426, 0.4568**, and if you desaturate by 10%, it is **31.9671, 0.3312, 0.3991**.

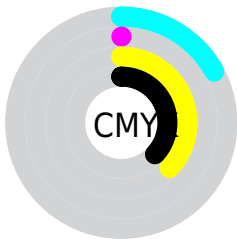
Distribution



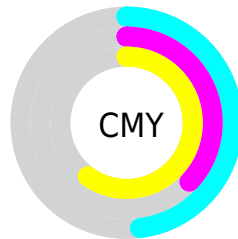
- Red (52%)
- Green (63%)
- Blue (40%)



- Red (40%)
- Yellow (63%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (37%)
- Black (37%)




- Cyan (48%)
- Magenta (37%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9867, 0.3374, 0.4278 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 30.9867, 0.3374, 0.4278 by changing the saturation by 10% instead.


 30.9867, 0.3374,
0.4278


 30.9867, 0.3374,
0.4278


306.4770, 0.3257,
0.3732

 20.5887, 0.3398,
0.4432


 61.2191, 0.3334,
0.4067


 12.8237, 0.3425,
0.4641


 81.8224, 0.3318,
0.3991

 7.3073, 0.3449,
0.4938


 106.5962, 0.3304,
0.3929

 3.6550, 0.3457,
0.5392

 135.9249, 0.3292,
0.3877

 1.4825, 0.3552,
0.6448

170.1929, 0.3282,
0.3833

 0.2764, 0.0000,
1.0000

209.7847, 0.3272,

 0.0000, 0.0000,

0.3794

0.0000

255.0846, 0.3264,
0.3761

■ 30.9867, 0.3374,
0.4278

■ 30.9867, 0.3374,
0.4278

■ 30.1145, 0.3426,
0.4568

■ 31.9671, 0.3312,
0.3991

■ 29.3421, 0.3465,
0.4850

■ 33.0559, 0.3245,
0.3715

■ 28.6658, 0.3486,
0.5111


■ 34.2584, 0.3175,
0.3456


■ 28.0803, 0.3486,
0.5335


■ 35.5782, 0.3105,
0.3218

■ 27.5793, 0.3464,
0.5513

■ 37.0189, 0.3038,
0.3000


 27.1540, 0.3423,
0.5639

 38.5839, 0.2973,
0.2804

 27.0313, 0.3409,
0.5675

 40.2763, 0.2911,
0.2628

 42.0993, 0.2854,
0.2470

 44.0557, 0.2800,
0.2330

Harmonies

Analogous

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



30.9867, 0.3869, 0.4213



30.9867, 0.3374, 0.4278



30.9867, 0.2837, 0.4001

Triad

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



30.9867, 0.3374, 0.4278



30.9867, 0.2164, 0.2578



30.9867, 0.3882, 0.3061

Complementary

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



30.9867, 0.3374, 0.4278



16.5131, 0.2787, 0.2295

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.



30.9867, 0.3358, 0.2706



30.9867, 0.3374, 0.4278



30.9867, 0.2386, 0.2427

Square

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



30.9867, 0.3374, 0.4278



30.9867, 0.2168, 0.2945



30.9867, 0.2809, 0.2479



30.9867, 0.4191, 0.3485

Rectangle

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



30.9867, 0.3374, 0.4278



30.9867, 0.2529, 0.3666



30.9867, 0.2809, 0.2479



30.9867, 0.3722, 0.2932

Sweetspot

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



30.9881, 0.3374, 0.4278



61.2314, 0.3206, 0.3566



23.9921, 0.3833, 0.3733



13.3688, 0.3214, 0.3599



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.



30.9881, 0.3374, 0.4278



54.9866, 0.3417, 0.4510



28.9626, 0.3094, 0.4369



7.5640, 0.3192, 0.3516



21.0842, 0.3416, 0.5670



0.4021, 0.3722, 0.5427

Inverse Universe

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



16.5131, 0.2787, 0.2295



24.9018, 0.2691, 0.2059



19.1197, 0.3144, 0.2394



6.5818, 0.3058, 0.3064



3.1959, 0.1994, 0.0872



0.0822, 0.2451, 0.1124

Previews

White Background



This preview shows how the Yxy color 30.9867, 0.3374, 0.4278 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 30.9867, 0.3374, 0.4278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

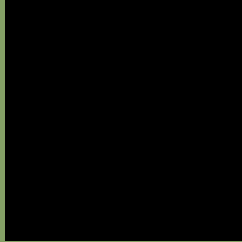
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9867, 0.3374, 0.4278

Background



This preview shows how black text looks on a background with the Yxy color 30.9867, 0.3374, 0.4278.



This preview shows how white text looks on a background with the Yxy color 30.9867, 0.3374, 0.4278.

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

30.9867, 0.3374, 0.4278

Protanopia

30.8888, 0.3795, 0.4108

Deuteranopia

30.6493, 0.3946, 0.3865



Tritanopia

30.7995, 0.2913, 0.3103

Trichromacy



Original Color

30.9867, 0.3374, 0.4278

Protanomaly

30.6684, 0.3637, 0.4176

Deuteranomaly

30.5785, 0.3731, 0.4009

Tritanomaly

30.7691, 0.3087, 0.3517

Monochromacy



Original Color

30.9867, 0.3374, 0.4278

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.9731, 0.3224, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9867, 0.3374, 0.4278 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, 160, 101)` looks like.

```
.text, #text, p{  
    color:rgb(132, 160, 101)  
}
```

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, 160, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 160, 101) }
```

Border

The CSS property to change the border of an element to Yxy 30.9867, 0.3374, 0.4278 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, 160, 101) }
```

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

```
.border{ border-color:rgb(132, 160, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 160, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 160, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 160, 101); box-shadow:4px 4px 4px 4px rgb(132, 160, 101) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9867, 0.3374, 0.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 160, 101) }
```

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

```
.background{ background-color: rgb(132,  
160, 101) }
```

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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