

Converting Colors

$Yxy(33.8067, 0.2968, 0.3801)$

Have a look what the booklet for
Yxy(33.8067, 0.2968, 0.3801)
contains.

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Color

Yxy(33.8764, 0.2964, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	79A889
RGB	121, 168, 137
RGB Percent	47%, 66%, 54%
CMY	0.5252, 0.3412, 0.4627
CMYK	0.28, 0.00, 0.18, 0.34
HSL	140°, 21%, 57%
HSV	140°, 28%, 66%
XYZ	26.4097, 33.8764, 28.8154
YIQ	150.4130, -18.0610, -19.6050

Conversions

Conversions Part 2

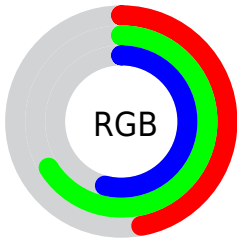
Format	Color
RYB	121, 156, 168
Decimal	7973001
CIELab	64.86, -22.28, 11.02
CIElCh	65, 24.856, 153.694
Yxy	33.8764, 0.2964, 0.3802
Android (android.graphics.Color)	4286163081 (0xFF79A889)
YUV	150.4130, -6.6126, -25.7952
Hunter-Lab	58.2034, -20.8620, 11.3890

Details

The Yxy color $33.8764, 0.2964, 0.3802$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $24.2821, 0.3339, 0.2829$, and the grayscale version is $30.7242, 0.3127, 0.3290$.

A 20% lighter version of the original color is $65.4917, 0.2999, 0.3696$, and $14.5185, 0.2907, 0.3995$ is the 20% darker color. If you saturate the color by 10%, you get $32.4650, 0.2912, 0.4023$, and if you desaturate by 10%, it is $35.5347, 0.3021, 0.3601$.

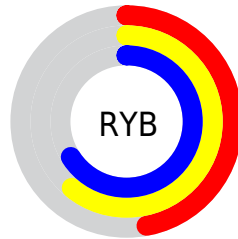
Distribution



Red (47%)

Green (66%)

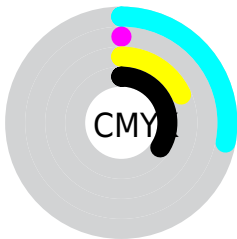
Blue (54%)



Red (47%)

Yellow (61%)

Blue (66%)

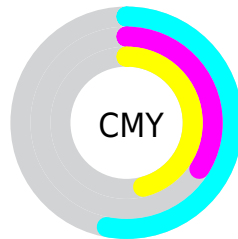


Cyan (28%)

Magenta (0%)

Yellow (18%)

Black (34%)



Cyan (53%)

Magenta (34%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.8764, 0.2964, 0.3802 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 33.8764, 0.2964, 0.3802 by changing the saturation by 10% instead.


 33.8764, 0.2964,
0.3802


 33.8764, 0.2964,
0.3802


319.5806, 0.3054,
0.3524


 22.7987, 0.2938,
0.3880


 65.7414, 0.2999,
0.3695

 14.4449, 0.2903,
0.3986


 87.2975, 0.3012,
0.3657

 8.4308, 0.2851,
0.4137


 113.1151, 0.3022,
0.3625

 4.3718, 0.2770,
0.4372

143.5787, 0.3030,
0.3598

 1.8836, 0.2622,
0.4782

179.0727, 0.3038,
0.3575

 0.5385, 0.0000,
1.0000

219.9814, 0.3044,

 0.0000, 0.0000,

0.3556

0.0000

266.6892, 0.3049,
0.3539

■ 33.8764, 0.2964,
0.3802

■ 33.8764, 0.2964,
0.3802

■ 32.4650, 0.2912,
0.4023

■ 35.5347, 0.3021,
0.3601

■ 31.2844, 0.2868,
0.4260

■ 37.4468, 0.3080,
0.3419

■ 30.3231, 0.2834,
0.4509

■ 39.6246, 0.3139,
0.3258

■ 29.5666, 0.2814,
0.4761

■ 42.0778, 0.3198,
0.3116

■ 28.9990, 0.2810,
0.5008

■ 44.8158, 0.3255,
0.2992

■ 28.6016, 0.2824,
0.5239

■ 47.8474, 0.3310,
0.2883

■ 28.3440, 0.2851,
0.5444

■ 51.1811, 0.3361,
0.2788

■ 28.2983, 0.2857,
0.5484

■ 54.7388, 0.3406,
0.2705

■ 55.3667, 0.3313,
0.2601

Harmonies

Analogous

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



33.8764, 0.3349, 0.3977



33.8764, 0.2964, 0.3802



33.8764, 0.2637, 0.3462

Triad

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



33.8764, 0.2964, 0.3802



33.8764, 0.2574, 0.2672



33.8764, 0.3861, 0.3417

Complementary

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



33.8764, 0.2964, 0.3802



24.2821, 0.3339, 0.2829

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.



33.8764, 0.3628, 0.3106



33.8764, 0.2964, 0.3802



33.8764, 0.2873, 0.2691

Square

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



33.8764, 0.2964, 0.3802



33.8764, 0.2423, 0.2807



33.8764, 0.3259, 0.2847



33.8764, 0.3880, 0.3719

Rectangle

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



33.8764, 0.2964, 0.3802



33.8764, 0.2491, 0.3209



33.8764, 0.3259, 0.2847



33.8764, 0.3805, 0.3311

Sweetspot

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



33.8778, 0.2964, 0.3802



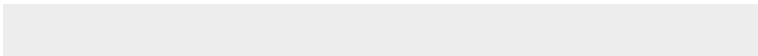
67.8824, 0.3079, 0.3423



36.0931, 0.3384, 0.4009



14.6789, 0.3070, 0.3448



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.8778, 0.2964, 0.3802



59.7206, 0.2929, 0.3948



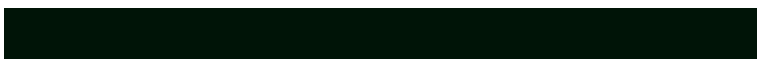
34.6155, 0.2787, 0.3414



8.4482, 0.3072, 0.3443



21.3809, 0.2851, 0.5465



0.5297, 0.2658, 0.4769

Inverse Universe

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



24.2821, 0.3339, 0.2829



39.1711, 0.3405, 0.2715



23.5955, 0.3622, 0.3171



7.6226, 0.3187, 0.3142



7.1618, 0.4276, 0.2129



0.1832, 0.3846, 0.1893

Previews

White Background



This preview shows how the Yxy color 33.8764, 0.2964, 0.3802 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 33.8764, 0.2964, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

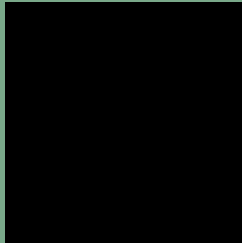
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

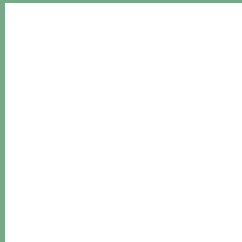
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.8764, 0.2964, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 33.8764, 0.2964, 0.3802.



This preview shows how white text looks on a background with the Yxy color 33.8764, 0.2964, 0.3802.

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

33.8764, 0.2964, 0.3802

Protanopia

33.4150, 0.3455, 0.3665

Deuteranopia

33.5213, 0.3507, 0.3434



Tritanopia

33.9961, 0.2725, 0.3089

Trichromacy



Original Color

33.8764, 0.2964, 0.3802

Protanomaly

33.2246, 0.3263, 0.3713

Deuteranomaly

33.1755, 0.3284, 0.3549

Tritanomaly

33.9545, 0.2809, 0.3337

Monochromacy



Original Color

33.8764, 0.2964, 0.3802

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.6472, 0.3060, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8764, 0.2964, 0.3802 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(121, 168, 137)` looks like.

```
.text, #text, p{  
    color:rgb(121, 168, 137)  
}
```

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(121, 168, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 168, 137) }
```

Border

The CSS property to change the border of an element to Yxy 33.8764, 0.2964, 0.3802 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(121, 168, 137) }
```

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

```
.border{ border-color:rgb(121, 168, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 168, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 168, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 168, 137);  
box-shadow:4px 4px 4px 4px rgb(121, 168,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8764, 0.2964, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 168, 137) }
```

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

```
.background{ background-color: rgb(121,  
168, 137) }
```

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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