

Converting Colors

$Yxy(33.2341, 0.3267, 0.3933)$

Have a look what the booklet for
Yxy(33.2341, 0.3267, 0.3933)
contains.

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Color

Yxy(33.2872, 0.3267, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	8DA37B
RGB	141, 163, 123
RGB Percent	55%, 64%, 48%
CMY	0.4471, 0.3608, 0.5176
CMYK	0.13, 0.00, 0.25, 0.36
HSL	93°, 18%, 56%
HSV	93°, 25%, 64%
XYZ	27.6575, 33.2872, 23.7125
YIQ	151.8620, -0.2720, -17.1040

Conversions

Conversions Part 2

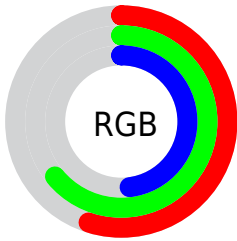
Format	Color
RYB	123, 163, 145
Decimal	9282427
CIELab	64.39, -15.19, 18.28
CIELCh	64, 23.767, 129.726
Yxy	33.2872, 0.3267, 0.3932
Android (android.graphics.Color)	4287472507 (0xFF8DA37B)
YUV	151.8620, -14.2290, -9.5260
Hunter-Lab	57.6951, -15.3981, 16.0186

Details

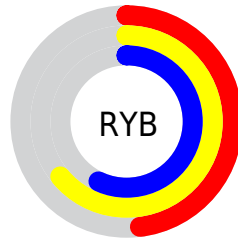
The Yxy color $33.2872, 0.3267, 0.3932$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.8375, 0.2953, 0.2657$, and the grayscale version is $31.4005, 0.3127, 0.3290$.

A 20% lighter version of the original color is $64.8795, 0.3241, 0.3795$, and $14.0370, 0.3297, 0.4156$ is the 20% darker color. If you saturate the color by 10%, you get $32.1589, 0.3318, 0.4225$, and if you desaturate by 10%, it is $34.5501, 0.3211, 0.3655$.

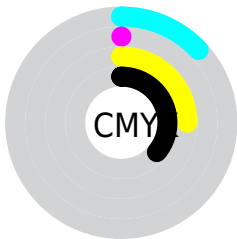
Distribution



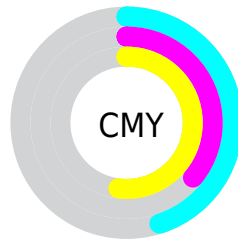
- Red (55%)
- Green (64%)
- Blue (48%)



- Red (48%)
- Yellow (64%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)




- Cyan (45%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2872, 0.3267, 0.3932 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 33.2872, 0.3267, 0.3932 by changing the saturation by 10% instead.


 33.2872, 0.3267,
0.3932


 33.2872, 0.3267,
0.3932


316.9419, 0.3199,
0.3583


 22.3466, 0.3283,
0.4029


 64.8237, 0.3243,
0.3798

 14.1118, 0.3301,
0.4160


 86.1883, 0.3234,
0.3750

 8.1984, 0.3324,
0.4346


 111.7963, 0.3226,
0.3710

 4.2222, 0.3347,
0.4631

142.0322, 0.3219,
0.3677

 1.7986, 0.3437,
0.5234

177.2803, 0.3213,
0.3648

 0.4863, 0.1582,
0.8418

217.9250, 0.3208,

 0.0000, 0.0000,

0.3624

0.0000

264.3507, 0.3203,
0.3602

■ 33.2872, 0.3267,
0.3932

■ 33.2872, 0.3267,
0.3932

■ 32.1589, 0.3318,
0.4225

■ 34.5501, 0.3211,
0.3655

■ 31.1559, 0.3360,
0.4525

■ 35.9478, 0.3153,
0.3399

■ 30.2746, 0.3391,
0.4822


■ 37.4862, 0.3096,
0.3165


■ 29.5093, 0.3405,
0.5102


■ 39.1693, 0.3039,
0.2954


■ 28.8538, 0.3401,
0.5348


■ 41.0010, 0.2985,
0.2765

 28.3011, 0.3376,
0.5548


 42.9853, 0.2934,
0.2596

 27.8432, 0.3333,
0.5692

 45.1257, 0.2886,
0.2446

 27.6234, 0.3307,
0.5756

 47.4257, 0.2842,
0.2313

 48.9038, 0.2901,
0.2319

Harmonies

Analogous

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



33.2872, 0.3610, 0.3933



33.2872, 0.3267, 0.3932



33.2872, 0.2900, 0.3725

Triad

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



33.2872, 0.3267, 0.3932



33.2872, 0.2465, 0.2787



33.2872, 0.3668, 0.3171

Complementary

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



33.2872, 0.3267, 0.3932



22.8375, 0.2953, 0.2657

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.



33.2872, 0.3331, 0.2906



33.2872, 0.3267, 0.3932



33.2872, 0.2643, 0.2686

Square

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



33.2872, 0.3267, 0.3932



33.2872, 0.2452, 0.3035



33.2872, 0.2954, 0.2732



33.2872, 0.3854, 0.3475

Rectangle

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



33.2872, 0.3267, 0.3932



33.2872, 0.2691, 0.3504



33.2872, 0.2954, 0.2732



33.2872, 0.3567, 0.3076

Sweetspot

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



33.2886, 0.3267, 0.3932



63.7021, 0.3169, 0.3463



29.4716, 0.3548, 0.3630



14.2755, 0.3172, 0.3477



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.



33.2886, 0.3267, 0.3932



58.5725, 0.3293, 0.4077



31.8892, 0.3079, 0.3932



8.0436, 0.3181, 0.3518



21.4939, 0.3313, 0.5751



0.4796, 0.3614, 0.5513

Inverse Universe

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



22.8375, 0.2953, 0.2657



36.8320, 0.2909, 0.2517



24.5312, 0.3177, 0.2723



7.0430, 0.3069, 0.3064



3.7604, 0.2143, 0.0954



0.1066, 0.2533, 0.1169

Previews

White Background



This preview shows how the Yxy color 33.2872, 0.3267, 0.3932 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 33.2872, 0.3267, 0.3932 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 33.2872, 0.3267, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 33.2872, 0.3267, 0.3932.



This preview shows how white text looks on a background with the Yxy color 33.2872, 0.3267, 0.3932.

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

33.2872, 0.3267, 0.3932

Protanopia

33.2400, 0.3572, 0.3830

Deuteranopia

33.1428, 0.3697, 0.3633



Tritanopia

33.2744, 0.2937, 0.3110

Trichromacy



Original Color

33.2872, 0.3267, 0.3932

Protanomaly

33.3448, 0.3458, 0.3875

Deuteranomaly

33.0303, 0.3527, 0.3740

Tritanomaly

33.0830, 0.3055, 0.3398

Monochromacy



Original Color

33.2872, 0.3267, 0.3932

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.9959, 0.3185, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2872, 0.3267, 0.3932 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(141, 163, 123)` looks like.

```
.text, #text, p{  
    color:rgb(141, 163, 123)  
}
```

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(141, 163, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 163, 123) }
```

Border

The CSS property to change the border of an element to Yxy 33.2872, 0.3267, 0.3932 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(141, 163, 123) }
```

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

```
.border{ border-color:rgb(141, 163, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 163, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 163, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 163, 123);  
box-shadow:4px 4px 4px 4px rgb(141, 163,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2872, 0.3267, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 163, 123) }
```

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

```
.background{ background-color: rgb(141,  
163, 123) }
```

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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