

Converting Colors

$Y_{xy}(29.6253, 0.3425, 0.4079)$

Have a look what the booklet for
Yxy(29.6253, 0.3425, 0.4079)
contains.

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Color

Yxy(29.7273, 0.3432, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	8C9A6A
RGB	140, 154, 106
RGB Percent	55%, 60%, 42%
CMY	0.4511, 0.3960, 0.5843
CMYK	0.09, 0.00, 0.31, 0.40
HSL	78°, 19%, 51%
HSV	78°, 31%, 60%
XYZ	24.9692, 29.7273, 18.0576
YIQ	144.3420, 7.0640, -17.8960

Conversions

Conversions Part 2

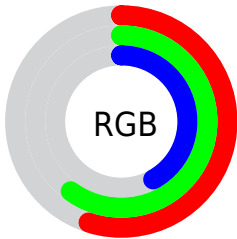
Format	Color
RYB	106, 154, 120
Decimal	9214570
CIELab	61.42, -13.47, 23.60
CIElCh	61, 27.172, 119.722
Yxy	29.7273, 0.3432, 0.4086
Android (android.graphics.Color)	4287404650 (0xFF8C9A6A)
YUV	144.3420, -18.9026, -3.8079
Hunter-Lab	54.5227, -13.6691, 18.5295

Details

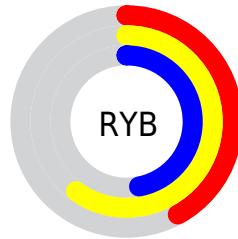
The Yxy color $29.7273, 0.3432, 0.4086$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.6375, 0.2749, 0.2440$, and the grayscale version is $28.1097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0497, 0.3374, 0.3908$, and $12.1298, 0.3515, 0.4380$ is the 20% darker color. If you saturate the color by 10%, you get $29.0533, 0.3521, 0.4354$, and if you desaturate by 10%, it is $30.4775, 0.3336, 0.3819$.

Distribution



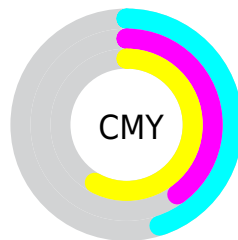
- Red (55%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (47%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7273, 0.3432, 0.4086 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 29.7273, 0.3432, 0.4086 by changing the saturation by 10% instead.


 29.7273, 0.3432,
0.4086


 29.7273, 0.3432,
0.4086


300.6313, 0.3277,
0.3648

 19.6317, 0.3470,
0.4210


 59.2307, 0.3376,
0.3917


 12.1276, 0.3517,
0.4377


 79.4072, 0.3354,
0.3856

 6.8306, 0.3575,
0.4616


 103.7128, 0.3336,
0.3806

 3.3564, 0.3641,
0.4977

 132.5319, 0.3321,
0.3764

 1.3205, 0.3980,
0.6020

166.2490, 0.3308,
0.3729

 0.1570, 0.0000,
1.0000

205.2482, 0.3296,

 0.0000, 0.0000,

0.3698

0.0000

249.9142, 0.3286,
0.3671

■ 29.7273, 0.3432,
0.4086

■ 29.7273, 0.3432,
0.4086

■ 29.0533, 0.3521,
0.4354

■ 30.4775, 0.3336,
0.3819

■ 28.4483, 0.3599,
0.4614

■ 31.3029, 0.3237,
0.3562

■ 27.9100, 0.3661,
0.4856


■ 32.2078, 0.3139,
0.3318

■ 27.4346, 0.3702,
0.5068


■ 33.1948, 0.3043,
0.3090

■ 27.0174, 0.3719,
0.5240


■ 34.2664, 0.2952,
0.2881

 26.6534, 0.3713,
0.5367

 35.4252, 0.2865,
0.2690

 26.3650, 0.3692,
0.5450

 36.6733, 0.2785,
0.2517

 38.0131, 0.2711,
0.2362

 39.4467, 0.2642,
0.2221

Harmonies

Analogous

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



29.7273, 0.3804, 0.3997



29.7273, 0.3432, 0.4086



29.7273, 0.2994, 0.3921

Triad

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



29.7273, 0.3432, 0.4086



29.7273, 0.2323, 0.2772



29.7273, 0.3649, 0.3036

Complementary

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



29.7273, 0.3432, 0.4086



16.6375, 0.2749, 0.2440

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.



29.7273, 0.3215, 0.2759



29.7273, 0.3432, 0.4086



29.7273, 0.2467, 0.2599

Square

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



29.7273, 0.3432, 0.4086



29.7273, 0.2372, 0.3110



29.7273, 0.2784, 0.2601



29.7273, 0.3944, 0.3381

Rectangle

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



29.7273, 0.3432, 0.4086



29.7273, 0.2726, 0.3684



29.7273, 0.2784, 0.2601



29.7273, 0.3513, 0.2933

Sweetspot

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



29.7286, 0.3432, 0.4086



57.1714, 0.3217, 0.3512



21.2496, 0.3742, 0.3518



12.8912, 0.3231, 0.3546



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.7286, 0.3432, 0.4086



53.1759, 0.3492, 0.4262



27.8960, 0.3187, 0.4151



7.1322, 0.3218, 0.3513



21.4959, 0.3696, 0.5447



0.3397, 0.3929, 0.5262

Inverse Universe

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



16.6375, 0.2749, 0.2440



25.7565, 0.2650, 0.2236



18.5359, 0.3033, 0.2507



6.1095, 0.3031, 0.3063



2.3723, 0.1712, 0.0717



0.0525, 0.2154, 0.0960

Previews

White Background



This preview shows how the Yxy color 29.7273, 0.3432, 0.4086 looks on a white background.

Color Contrast Check

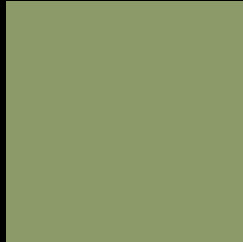
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7273, 0.3432, 0.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

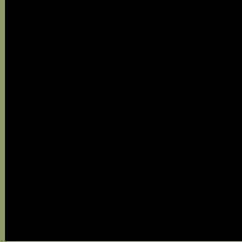
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

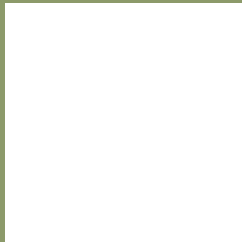
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.7273, 0.3432, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 29.7273, 0.3432, 0.4086.



This preview shows how white text looks on a background with the Yxy color 29.7273, 0.3432, 0.4086.

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

29.7273, 0.3432, 0.4086

Protanopia

29.6327, 0.3708, 0.3990

Deuteranopia

29.5641, 0.3848, 0.3777



Tritanopia

29.5737, 0.3014, 0.3103

Trichromacy



Original Color

29.7273, 0.3432, 0.4086

Protanomaly

29.5845, 0.3609, 0.4023

Deuteranomaly

29.3219, 0.3689, 0.3879

Tritanomaly

29.6354, 0.3160, 0.3451

Monochromacy



Original Color

29.7273, 0.3432, 0.4086

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.6312, 0.3249, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7273, 0.3432, 0.4086 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(140, 154, 106)` looks like.

```
.text, #text, p{  
    color:rgb(140, 154, 106)  
}
```

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(140, 154, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 154, 106) }
```

Border

The CSS property to change the border of an element to Yxy 29.7273, 0.3432, 0.4086 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(140, 154, 106) }
```

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

```
.border{ border-color:rgb(140, 154, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 154, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 154, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 154, 106);  
box-shadow:4px 4px 4px 4px rgb(140, 154,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7273, 0.3432, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 154, 106) }
```

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

```
.background{ background-color: rgb(140,  
154, 106) }
```

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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