

Converting Colors

$Yxy(36.9112, 0.2839, 0.3489)$

Have a look what the booklet for
Yxy(36.9112, 0.2839, 0.3489)
contains.

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Color

Yxy(36.9372, 0.2840, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	7FADA0
RGB	127, 173, 160
RGB Percent	50%, 68%, 63%
CMY	0.5019, 0.3216, 0.3726
CMYK	0.27, 0.00, 0.08, 0.32
HSL	163°, 22%, 59%
HSV	163°, 27%, 68%
XYZ	30.0406, 36.9372, 38.7989
YIQ	157.7640, -23.2430, -13.7950

Conversions

Conversions Part 2

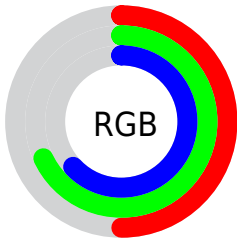
Format	Color
RYB	127, 154, 173
Decimal	8367520
CIELab	67.23, -18.16, 1.71
CIELCh	67, 18.244, 174.627
Yxy	36.9372, 0.2840, 0.3492
Android (android.graphics.Color)	4286557600 (0xFF7FADA0)
YUV	157.7640, 1.1023, -26.9800
Hunter-Lab	60.7760, -18.1284, 4.6930

Details

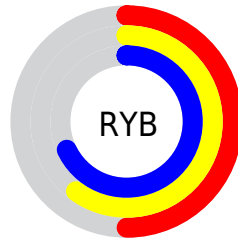
The Yxy color **36.9372, 0.2840, 0.3492** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.9584, 0.3528, 0.3098**, and the grayscale version is **34.0830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7687, 0.2896, 0.3453**, and **16.0736, 0.2741, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **35.5545, 0.2746, 0.3581**, and if you desaturate by 10%, it is **38.5578, 0.2943, 0.3410**.

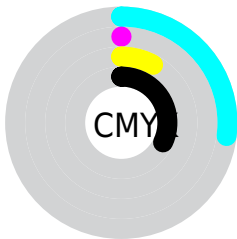
Distribution



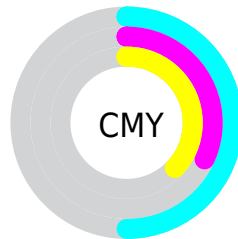
- Red (50%)
- Green (68%)
- Blue (63%)



- Red (50%)
- Yellow (60%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (50%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9372, 0.2840, 0.3492 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 36.9372, 0.2840, 0.3492 by changing the saturation by 10% instead.


 36.9372, 0.2840,
0.3492


 36.9372, 0.2840,
0.3492


333.0386, 0.2989,
0.3386

 25.1589, 0.2801,
0.3520


 70.4762, 0.2896,
0.3452

 16.1955, 0.2749,
0.3557


 93.0056, 0.2916,
0.3438

 9.6626, 0.2678,
0.3608


 119.8876, 0.2933,
0.3426

 5.1758, 0.2574,
0.3684

151.5064, 0.2948,
0.3416

 2.3508, 0.2409,
0.3806

188.2465, 0.2960,
0.3407

 0.8004, 0.1697,
0.4281

230.4923, 0.2971,

 0.0000, 0.0000,

0.3399

0.0000

278.6282, 0.2981,
0.3392

■ 36.9372, 0.2840,
0.3492

■ 36.9372, 0.2840,
0.3492

■ 35.5545, 0.2746,
0.3581

■ 38.5578, 0.2943,
0.3410

■ 34.3933, 0.2663,
0.3675

■ 40.4226, 0.3053,
0.3335

■ 33.4425, 0.2595,
0.3775

■ 42.5434, 0.3166,
0.3268

■ 32.6879, 0.2544,
0.3879

■ 44.9297, 0.3281,
0.3207

■ 32.1138, 0.2512,
0.3984

■ 47.5907, 0.3395,
0.3154

■ 31.7017, 0.2499,
0.4090

■ 50.5350, 0.3507,
0.3106

■ 31.4261, 0.2505,
0.4195

■ 53.7710, 0.3617,
0.3065

■ 31.3454, 0.2509,
0.4231

■ 55.2790, 0.3633,
0.3019

■ 55.5102, 0.3589,
0.2970

Harmonies

Analogous

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



36.9372, 0.3097, 0.3700



36.9372, 0.2840, 0.3492



36.9372, 0.2664, 0.3230

Triad

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



36.9372, 0.2840, 0.3492



36.9372, 0.2872, 0.2838



36.9372, 0.3676, 0.3545

Complementary

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



36.9372, 0.2840, 0.3492



25.9584, 0.3528, 0.3098

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.



36.9372, 0.3612, 0.3319



36.9372, 0.2840, 0.3492



36.9372, 0.3138, 0.2923

Square

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



36.9372, 0.2840, 0.3492



36.9372, 0.2682, 0.2862



36.9372, 0.3412, 0.3096



36.9372, 0.3585, 0.3718

Rectangle

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



36.9372, 0.2840, 0.3492



36.9372, 0.2612, 0.3069



36.9372, 0.3412, 0.3096



36.9372, 0.3672, 0.3472

Sweetspot

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



36.9387, 0.2840, 0.3492



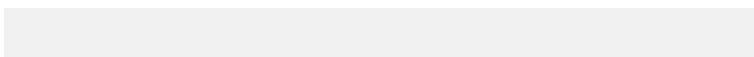
71.8440, 0.3036, 0.3346



36.9998, 0.3208, 0.4010



15.5028, 0.3019, 0.3357



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.9387, 0.2840, 0.3492



64.6230, 0.2782, 0.3544



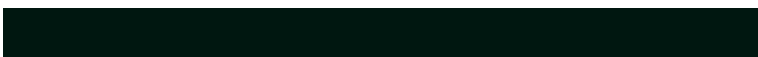
33.7372, 0.2731, 0.3134



9.0329, 0.3023, 0.3355



23.0369, 0.2505, 0.4219



0.6496, 0.2417, 0.3903

Inverse Universe

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



25.9584, 0.3528, 0.3098



41.5740, 0.3651, 0.3053



28.3000, 0.3647, 0.3440



8.0512, 0.3244, 0.3226



6.6980, 0.5783, 0.2959



0.1958, 0.4925, 0.2487

Previews

White Background



This preview shows how the Yxy color 36.9372, 0.2840, 0.3492 looks on a white background.

Color Contrast Check

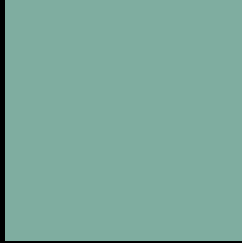
Large Text (above 18pt) WCAG AA × Fail

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 36.9372, 0.2840, 0.3492 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

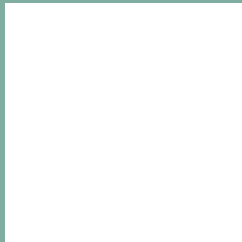
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.9372, 0.2840, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 36.9372, 0.2840, 0.3492.



This preview shows how white text looks on a background with the Yxy color 36.9372, 0.2840, 0.3492.

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

36.9372, 0.2840, 0.3492

Protanopia

36.4986, 0.3256, 0.3405

Deuteranopia

36.6818, 0.3287, 0.3221



Tritanopia

37.0739, 0.2709, 0.3096

Trichromacy



Original Color

36.9372, 0.2840, 0.3492

Protanomaly

36.4450, 0.3092, 0.3439

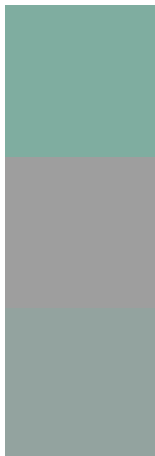
Deuteranomaly

36.2766, 0.3108, 0.3305

Tritanomaly

36.9668, 0.2752, 0.3228

Monochromacy



Original Color

36.9372, 0.2840, 0.3492

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.9006, 0.3013, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9372, 0.2840, 0.3492 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(127, 173, 160)` looks like.

```
.text, #text, p{  
    color:rgb(127, 173, 160)  
}
```

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(127, 173, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 173, 160) }
```

Border

The CSS property to change the border of an element to Yxy 36.9372, 0.2840, 0.3492 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(127, 173, 160) }
```

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

```
.border{ border-color:rgb(127, 173, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 173, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 173, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 173, 160);  
box-shadow:4px 4px 4px 4px rgb(127, 173,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9372, 0.2840, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 173, 160) }
```

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

```
.background{ background-color: rgb(127,  
173, 160) }
```

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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