

Converting Colors

$Yxy(35.8825, 0.3056, 0.3981)$

Have a look what the booklet for
Yxy(35.8825, 0.3056, 0.3981)
contains.

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Color

Yxy(35.9345, 0.3060, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	7EAD82
RGB	126, 173, 130
RGB Percent	49%, 68%, 51%
CMY	0.5060, 0.3215, 0.4902
CMYK	0.27, 0.00, 0.25, 0.32
HSL	125°, 22%, 59%
HSV	125°, 27%, 68%
XYZ	27.5726, 35.9345, 26.5995
YIQ	154.0450, -14.2090, -23.3370

Conversions

Conversions Part 2

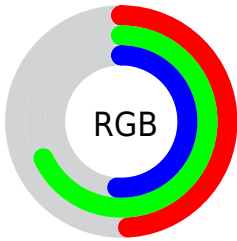
Format	Color
RYB	126, 169, 173
Decimal	8301954
CIELab	66.47, -24.48, 17.16
CIELCh	66, 29.899, 144.968
Yxy	35.9345, 0.3060, 0.3988
Android (android.graphics.Color)	4286492034 (0xFF7EAD82)
YUV	154.0450, -11.8542, -24.5955
Hunter-Lab	59.9454, -22.8012, 15.6531

Details

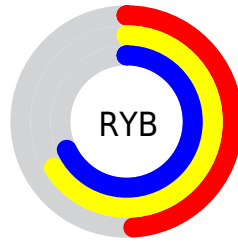
The Yxy color **35.9345, 0.3060, 0.3988** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.6619, 0.3201, 0.2679**, and the grayscale version is **32.3907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1608, 0.3081, 0.3847**, and **15.5080, 0.3026, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **34.3403, 0.3035, 0.4297**, and if you desaturate by 10%, it is **37.8244, 0.3085, 0.3705**.

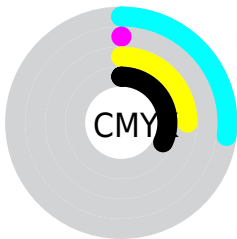
Distribution



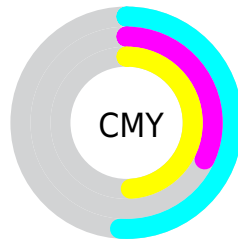
- Red (49%)
- Green (68%)
- Blue (51%)



- Red (49%)
- Yellow (66%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (32%)



- Cyan (51%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9345, 0.3060, 0.3988 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 35.9345, 0.3060, 0.3988 by changing the saturation by 10% instead.


 35.9345, 0.3060,
0.3988


 35.9345, 0.3060,
0.3988


328.6742, 0.3103,
0.3609

 24.3836, 0.3046,
0.4093


 68.9310, 0.3078,
0.3843

 15.6184, 0.3025,
0.4236


 91.1453, 0.3084,
0.3791

 9.2546, 0.2991,
0.4438


 117.6830, 0.3089,
0.3747

 4.9076, 0.2933,
0.4747

148.9283, 0.3093,
0.3711

 2.1931, 0.2822,
0.5286

185.2657, 0.3096,
0.3680

 0.7163, 0.1040,
0.8960

227.0795, 0.3098,

 0.0000, 0.0000,

0.3653

0.0000

274.7542, 0.3101,
0.3630

■ 35.9345, 0.3060,
0.3988

■ 35.9345, 0.3060,
0.3988

■ 34.3403, 0.3035,
0.4297

■ 37.8244, 0.3085,
0.3705

■ 33.0227, 0.3013,
0.4623

■ 40.0192, 0.3110,
0.3453

■ 31.9672, 0.2994,
0.4954

■ 42.5332, 0.3134,
0.3231

■ 31.1563, 0.2981,
0.5269

■ 45.3785, 0.3156,
0.3037

■ 30.5700, 0.2974,
0.5546

■ 48.5664, 0.3176,
0.2870

■ 30.1858, 0.2976,
0.5764

■ 52.1079, 0.3195,
0.2725

■ 29.9708, 0.2983,
0.5910

■ 56.0134, 0.3212,
0.2601

■ 29.9256, 0.2983,
0.5939

■ 58.3716, 0.3165,
0.2488

Harmonies

Analogous

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



35.9345, 0.3509, 0.4115



35.9345, 0.3060, 0.3988



35.9345, 0.2648, 0.3622

Triad

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



35.9345, 0.3060, 0.3988



35.9345, 0.2411, 0.2593



35.9345, 0.3938, 0.3324

Complementary

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



35.9345, 0.3060, 0.3988



26.6619, 0.3201, 0.2679

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.



35.9345, 0.3601, 0.2976



35.9345, 0.3060, 0.3988



35.9345, 0.2711, 0.2569

Square

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



35.9345, 0.3060, 0.3988



35.9345, 0.2293, 0.2799



35.9345, 0.3143, 0.2708



35.9345, 0.4036, 0.3687

Rectangle

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



35.9345, 0.3060, 0.3988



35.9345, 0.2446, 0.3319



35.9345, 0.3143, 0.2708



35.9345, 0.3848, 0.3203

Sweetspot

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



35.9360, 0.3060, 0.3988



71.2660, 0.3108, 0.3475



39.8421, 0.3492, 0.3964



15.3562, 0.3104, 0.3511



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.



35.9360, 0.3060, 0.3988



62.4675, 0.3044, 0.4183



36.6379, 0.2881, 0.3599



8.9501, 0.3105, 0.3504



21.9854, 0.2981, 0.5930



0.6151, 0.2901, 0.5644

Inverse Universe

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



26.6619, 0.3201, 0.2679



42.9001, 0.3221, 0.2536



25.8599, 0.3465, 0.3002



8.1361, 0.3150, 0.3085



8.3491, 0.3433, 0.1665



0.2357, 0.3358, 0.1623

Previews

White Background



This preview shows how the Yxy color 35.9345, 0.3060, 0.3988 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 35.9345, 0.3060, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

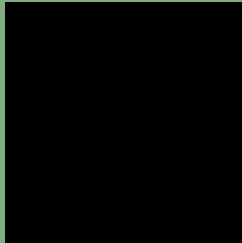
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9345, 0.3060, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 35.9345, 0.3060, 0.3988.



This preview shows how white text looks on a background with the Yxy color 35.9345, 0.3060, 0.3988.

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

35.9345, 0.3060, 0.3988

Protanopia

35.7156, 0.3579, 0.3827

Deuteranopia

35.6030, 0.3650, 0.3582



Tritanopia

35.7186, 0.2748, 0.3080

Trichromacy



Original Color

35.9345, 0.3060, 0.3988

Protanomaly

35.3852, 0.3375, 0.3885

Deuteranomaly

35.4266, 0.3410, 0.3721

Tritanomaly

35.8901, 0.2861, 0.3398

Monochromacy



Original Color

35.9345, 0.3060, 0.3988

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.4634, 0.3106, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9345, 0.3060, 0.3988 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(126, 173, 130)` looks like.

```
.text, #text, p{  
    color:rgb(126, 173, 130)  
}
```

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(126, 173, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 173, 130) }
```

Border

The CSS property to change the border of an element to Yxy 35.9345, 0.3060, 0.3988 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(126, 173, 130) }
```

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

```
.border{ border-color:rgb(126, 173, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 173, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 173, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 173, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 173,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9345, 0.3060, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 173, 130) }
```

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

```
.background{ background-color: rgb(126,  
173, 130) }
```

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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