

Converting Colors

$Yxy(35.4300, 0.3294, 0.3852)$

Have a look what the booklet for
Yxy(35.4300, 0.3294, 0.3852)
contains.

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Color

Yxy(35.3682, 0.3289, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	96A682
RGB	150, 166, 130
RGB Percent	59%, 65%, 51%
CMY	0.4117, 0.3490, 0.4902
CMYK	0.10, 0.00, 0.22, 0.35
HSL	87°, 17%, 58%
HSV	87°, 22%, 65%
XYZ	30.2460, 35.3682, 26.3468
YIQ	157.1120, 2.0200, -14.5880

Conversions

Conversions Part 2

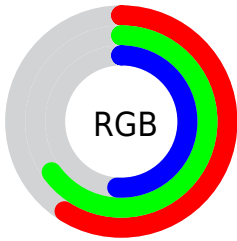
Format	Color
RYB	130, 166, 146
Decimal	9873026
CIELab	66.03, -12.24, 16.81
CIELCh	66, 20.791, 126.052
Yxy	35.3682, 0.3289, 0.3846
Android (android.graphics.Color)	4288063106 (0xFF96A682)
YUV	157.1120, -13.3662, -6.2372
Hunter-Lab	59.4712, -13.2926, 15.3633

Details

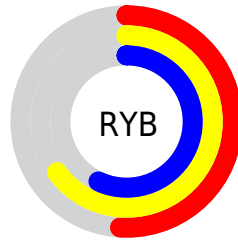
The Yxy color $35.3682, 0.3289, 0.3846$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $24.8223, 0.2935, 0.2728$, and the grayscale version is $33.8327, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.9692, 0.3257, 0.3733$, and $15.2814, 0.3329, 0.4022$ is the 20% darker color. If you saturate the color by 10%, you get $34.2825, 0.3359, 0.4127$, and if you desaturate by 10%, it is $36.5728, 0.3215, 0.3579$.

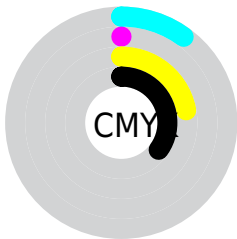
Distribution



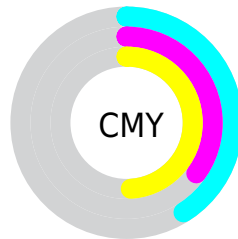
- Red (59%)
- Green (65%)
- Blue (51%)



- Red (51%)
- Yellow (65%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)





- Cyan (41%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3682, 0.3289, 0.3846 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 35.3682, 0.3289, 0.3846 by changing the saturation by 10% instead.


 35.3682, 0.3289,
0.3846


 35.3682, 0.3289,
0.3846


326.1906, 0.3208,
0.3548


 23.9466, 0.3309,
0.3927


 68.0558, 0.3260,
0.3733

 15.2940, 0.3333,
0.4036


 90.0906, 0.3249,
0.3692

 9.0260, 0.3364,
0.4188


 116.4319, 0.3240,
0.3658

 4.7582, 0.3404,
0.4417

147.4642, 0.3232,
0.3629

 2.1061, 0.3461,
0.4809

183.5718, 0.3225,
0.3605

 0.6680, 0.3348,
0.6652

225.1392, 0.3219,

 0.0000, 0.0000,

0.3583

0.0000

272.5506, 0.3213,
0.3565

■ 35.3682, 0.3289,
0.3846

■ 35.3682, 0.3289,
0.3846

■ 34.2825, 0.3359,
0.4127

■ 36.5728, 0.3215,
0.3579

■ 33.3069, 0.3422,
0.4414

■ 37.8956, 0.3140,
0.3330

■ 32.4383, 0.3474,
0.4698

■ 39.3420, 0.3066,
0.3102

■ 31.6717, 0.3509,
0.4967

■ 40.9156, 0.2995,
0.2894

■ 31.0019, 0.3524,
0.5206

■ 42.6197, 0.2928,
0.2707

■ 30.4226, 0.3517,
0.5403

■ 44.4578, 0.2864,
0.2539

■ 29.9269, 0.3487,
0.5550

■ 46.4329, 0.2806,
0.2389

■ 29.5664, 0.3451,
0.5642

■ 48.0364, 0.2802,
0.2323

■ 49.1348, 0.2859,
0.2338

Harmonies

Analogous

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



35.3682, 0.3573, 0.3830



35.3682, 0.3289, 0.3846



35.3682, 0.2971, 0.3689

Triad

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



35.3682, 0.3289, 0.3846



35.3682, 0.2545, 0.2879



35.3682, 0.3560, 0.3158

Complementary

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



35.3682, 0.3289, 0.3846



24.8223, 0.2935, 0.2728

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.



35.3682, 0.3263, 0.2935



35.3682, 0.3289, 0.3846



35.3682, 0.2684, 0.2772

Square

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



35.3682, 0.3289, 0.3846



35.3682, 0.2552, 0.3108



35.3682, 0.2942, 0.2795



35.3682, 0.3738, 0.3422

Rectangle

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



35.3682, 0.3289, 0.3846



35.3682, 0.2783, 0.3510



35.3682, 0.2942, 0.2795



35.3682, 0.3470, 0.3077

Sweetspot

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



35.3697, 0.3289, 0.3846



67.4459, 0.3181, 0.3463



30.1505, 0.3506, 0.3527



15.0631, 0.3185, 0.3477



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.



35.3697, 0.3289, 0.3846



63.2233, 0.3323, 0.3979



33.8201, 0.3122, 0.3875



8.6058, 0.3197, 0.3518



22.9559, 0.3457, 0.5637



0.5881, 0.3702, 0.5443

Inverse Universe

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



24.8223, 0.2935, 0.2728



40.6384, 0.2885, 0.2592



26.5648, 0.3126, 0.2759



7.4573, 0.3053, 0.3061



3.2793, 0.1935, 0.0840



0.1103, 0.2332, 0.1058

Previews

White Background



This preview shows how the Yxy color 35.3682, 0.3289, 0.3846 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 35.3682, 0.3289, 0.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

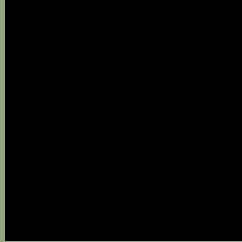
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3682, 0.3289, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 35.3682, 0.3289, 0.3846.



This preview shows how white text looks on a background with the Yxy color 35.3682, 0.3289, 0.3846.

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

35.3682, 0.3289, 0.3846

Protanopia

35.2200, 0.3533, 0.3773

Deuteranopia

35.0914, 0.3663, 0.3598



Tritanopia

35.2267, 0.2977, 0.3101

Trichromacy



Original Color

35.3682, 0.3289, 0.3846

Protanomaly

35.1857, 0.3446, 0.3798

Deuteranomaly

34.8631, 0.3522, 0.3684

Tritanomaly

35.1450, 0.3095, 0.3365

Monochromacy



Original Color

35.3682, 0.3289, 0.3846

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1182, 0.3186, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3682, 0.3289, 0.3846 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(150, 166, 130)` looks like.

```
.text, #text, p{  
    color:rgb(150, 166, 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(150, 166, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 166, 130) }
```

Border

The CSS property to change the border of an element to Yxy 35.3682, 0.3289, 0.3846 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(150, 166, 130) }
```

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

```
.border{ border-color:rgb(150, 166, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 166, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 166, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 166, 130);  
box-shadow:4px 4px 4px 4px rgb(150, 166,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3682, 0.3289, 0.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 166, 130) }
```

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

```
.background{ background-color: rgb(150,  
166, 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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