

Converting Colors

$Yxy(36.5573, 0.3236, 0.3807)$

Have a look what the booklet for
Yxy(36.5573, 0.3236, 0.3807)
contains.

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Color

Yxy(36.6092, 0.3240, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	96A987
RGB	150, 169, 135
RGB Percent	59%, 66%, 53%
CMY	0.4119, 0.3372, 0.4706
CMYK	0.11, 0.00, 0.20, 0.34
HSL	94°, 17%, 60%
HSV	94°, 20%, 66%
XYZ	31.1322, 36.6092, 28.3457
YIQ	159.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

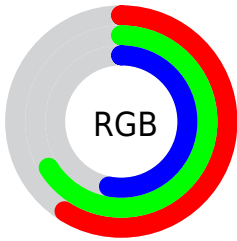
Format	Color
RYB	135, 169, 154
Decimal	9873799
CIELab	66.98, -13.02, 15.37
CIElCh	67, 20.144, 130.274
Yxy	36.6092, 0.3240, 0.3810
Android (android.graphics.Color)	4288063879 (0xFF96A987)
YUV	159.4430, -12.0504, -8.2815
Hunter-Lab	60.5055, -14.0401, 14.5776

Details

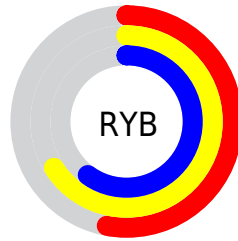
The Yxy color $36.6092, 0.3240, 0.3810$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $27.0683, 0.2992, 0.2777$, and the grayscale version is $34.9381, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.7795, 0.3221, 0.3706$, and $16.0311, 0.3272, 0.3990$ is the 20% darker color. If you saturate the color by 10%, you get $35.3097, 0.3292, 0.4098$, and if you desaturate by 10%, it is $38.0600, 0.3185, 0.3541$.

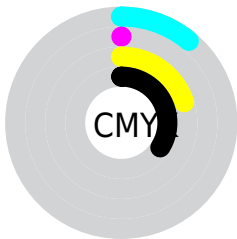
Distribution



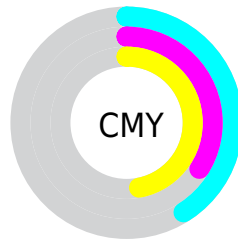
- Red (59%)
- Green (66%)
- Blue (53%)



- Red (53%)
- Yellow (66%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)





- Cyan (41%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6092, 0.3240, 0.3810 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 36.6092, 0.3240, 0.3810 by changing the saturation by 10% instead.


 36.6092, 0.3240,
0.3810


 36.6092, 0.3240,
0.3810


331.6155, 0.3185,
0.3533


 24.9051, 0.3253,
0.3885


 69.9713, 0.3221,
0.3705

 16.0063, 0.3269,
0.3986


 92.3981, 0.3213,
0.3667

 9.5286, 0.3289,
0.4126


 119.1679, 0.3207,
0.3635

 5.0876, 0.3312,
0.4337

150.6650, 0.3201,
0.3608

 2.2987, 0.3336,
0.4683

187.2740, 0.3196,
0.3585

 0.7730, 0.3503,
0.6497

229.3791, 0.3192,

 0.0000, 0.0000,

0.3566

0.0000

277.3648, 0.3188,
0.3548

■ 36.6092, 0.3240,
0.3810

■ 36.6092, 0.3240,
0.3810

■ 35.3097, 0.3292,
0.4098

■ 38.0600, 0.3185,
0.3541

■ 34.1516, 0.3337,
0.4398

■ 39.6625, 0.3128,
0.3293

■ 33.1308, 0.3372,
0.4700

■ 41.4228, 0.3072,
0.3069

■ 32.2413, 0.3392,
0.4992

■ 43.3455, 0.3018,
0.2867

■ 31.4765, 0.3394,
0.5257

■ 45.4349, 0.2966,
0.2687

■ 30.8290, 0.3377,
0.5480

■ 47.6952, 0.2917,
0.2527

■ 30.2905, 0.3341,
0.5648

■ 50.1303, 0.2872,
0.2385

■ 29.8501, 0.3292,
0.5768

■ 51.7253, 0.2934,
0.2389

■ 53.2964, 0.3009,
0.2409

Harmonies

Analogous

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



36.6092, 0.3522, 0.3819



36.6092, 0.3240, 0.3810



36.6092, 0.2937, 0.3639

Triad

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



36.6092, 0.3240, 0.3810



36.6092, 0.2579, 0.2874



36.6092, 0.3574, 0.3199

Complementary

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



36.6092, 0.3240, 0.3810



27.0683, 0.2992, 0.2777

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.



36.6092, 0.3302, 0.2975



36.6092, 0.3240, 0.3810



36.6092, 0.2731, 0.2788

Square

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



36.6092, 0.3240, 0.3810



36.6092, 0.2566, 0.3080



36.6092, 0.2992, 0.2827



36.6092, 0.3723, 0.3453

Rectangle

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



36.6092, 0.3240, 0.3810



36.6092, 0.2764, 0.3460



36.6092, 0.2992, 0.2827



36.6092, 0.3493, 0.3118

Sweetspot

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



36.6108, 0.3240, 0.3810



69.2691, 0.3162, 0.3438



33.2008, 0.3464, 0.3567



15.0597, 0.3165, 0.3454



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.



36.6108, 0.3240, 0.3810



64.5199, 0.3263, 0.3932



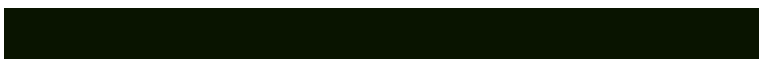
35.3301, 0.3088, 0.3804



8.5631, 0.3180, 0.3519



22.2731, 0.3300, 0.5762



0.5724, 0.3577, 0.5541

Inverse Universe

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



27.0683, 0.2992, 0.2777



44.4034, 0.2958, 0.2659



28.5658, 0.3167, 0.2824



7.5000, 0.3070, 0.3063



3.9682, 0.2162, 0.0965



0.1261, 0.2510, 0.1156

Previews

White Background



This preview shows how the Yxy color 36.6092, 0.3240, 0.3810 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 36.6092, 0.3240, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

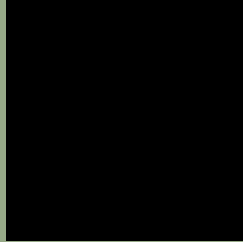
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

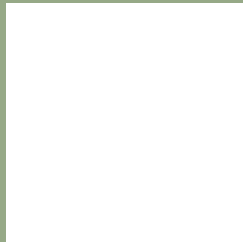
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.6092, 0.3240, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 36.6092, 0.3240, 0.3810.



This preview shows how white text looks on a background with the Yxy color 36.6092, 0.3240, 0.3810.

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

36.6092, 0.3240, 0.3810

Protanopia

36.2773, 0.3500, 0.3724

Deuteranopia

36.5137, 0.3613, 0.3552



Tritanopia

36.3969, 0.2953, 0.3103

Trichromacy



Original Color

36.6092, 0.3240, 0.3810

Protanomaly

36.4962, 0.3402, 0.3763

Deuteranomaly

36.2946, 0.3477, 0.3635

Tritanomaly

36.3535, 0.3060, 0.3349

Monochromacy



Original Color

36.6092, 0.3240, 0.3810

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.4643, 0.3175, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6092, 0.3240, 0.3810 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, 169, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 135)  
}
```

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, 169, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 135) }
```

Border

The CSS property to change the border of an element to Yxy 36.6092, 0.3240, 0.3810 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, 169, 135) }
```

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

```
.border{ border-color:rgb(150, 169, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6092, 0.3240, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 135) }
```

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

```
.background{ background-color: rgb(150,  
169, 135) }
```

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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