

Converting Colors

Yxy(36.9415, 0.3249, 0.3760)

Have a look what the booklet for
Yxy(36.9415, 0.3249, 0.3760)
contains.

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Color

Yxy(36.9832, 0.3243, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	99A98A
RGB	153, 169, 138
RGB Percent	60%, 66%, 54%
CMY	0.4001, 0.3372, 0.4589
CMYK	0.09, 0.00, 0.18, 0.34
HSL	91°, 15%, 60%
HSV	91°, 18%, 66%
XYZ	31.9065, 36.9832, 29.4960
YIQ	160.6820, 0.4150, -13.0330

Conversions

Conversions Part 2

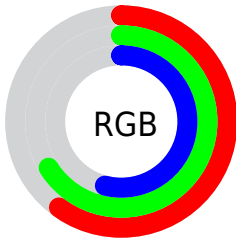
Format	Color
RYB	138, 169, 154
Decimal	10070410
CIELab	67.26, -11.40, 14.15
CIELCh	67, 18.172, 128.861
Yxy	36.9832, 0.3243, 0.3759
Android (android.graphics.Color)	4288260490 (0xFF99A98A)
YUV	160.6820, -11.1822, -6.7371
Hunter-Lab	60.8138, -12.7726, 13.8127

Details

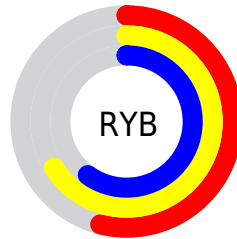
The Yxy color **36.9832, 0.3243, 0.3759** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9118, 0.2992, 0.2823**, and the grayscale version is **35.5358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3383, 0.3223, 0.3668**, and **16.2519, 0.3277, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **35.7133, 0.3303, 0.4041**, and if you desaturate by 10%, it is **38.3949, 0.3180, 0.3495**.

Distribution



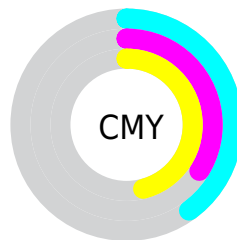
- Red (60%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)




- Cyan (40%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9832, 0.3243, 0.3759 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 36.9832, 0.3243, 0.3759 by changing the saturation by 10% instead.


 36.9832, 0.3243,
0.3759


 36.9832, 0.3243,
0.3759


333.2378, 0.3186,
0.3510


 25.1945, 0.3257,
0.3826


 70.5469, 0.3222,
0.3665

 16.2220, 0.3274,
0.3916


 93.0908, 0.3215,
0.3631

 9.6814, 0.3296,
0.4041


 119.9884, 0.3208,
0.3602

 5.1882, 0.3325,
0.4227

151.6243, 0.3202,
0.3578

 2.3581, 0.3359,
0.4532

188.3827, 0.3197,
0.3557

 0.8042, 0.3767,
0.6233

230.6482, 0.3193,

 0.0000, 0.0000,

0.3540

0.0000

278.8051, 0.3189,
0.3524

■ 36.9832, 0.3243,
0.3759

■ 36.9832, 0.3243,
0.3759

■ 35.7133, 0.3303,
0.4041

■ 38.3949, 0.3180,
0.3495

■ 34.5754, 0.3356,
0.4335

■ 39.9480, 0.3117,
0.3252

■ 33.5660, 0.3400,
0.4632

■ 41.6486, 0.3055,
0.3031

■ 32.6796, 0.3429,
0.4920

■ 43.5007, 0.2995,
0.2832

■ 31.9101, 0.3441,
0.5183

■ 45.5084, 0.2938,
0.2654

■ 31.2508, 0.3432,
0.5408

■ 47.6754, 0.2885,
0.2495

■ 30.6941, 0.3402,
0.5582

■ 49.9216, 0.2844,
0.2366

■ 30.2276, 0.3355,
0.5705

■ 51.2738, 0.2912,
0.2384

■ 30.1569, 0.3347,
0.5724

■ 52.6978, 0.2981,
0.2402

Harmonies

Analogous

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



36.9832, 0.3493, 0.3763



36.9832, 0.3243, 0.3759



36.9832, 0.2969, 0.3612

Triad

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



36.9832, 0.3243, 0.3759



36.9832, 0.2629, 0.2923



36.9832, 0.3519, 0.3198

Complementary

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



36.9832, 0.3243, 0.3759



27.9118, 0.2992, 0.2823

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.



36.9832, 0.3272, 0.2997



36.9832, 0.3243, 0.3759



36.9832, 0.2761, 0.2838

Square

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



36.9832, 0.3243, 0.3759



36.9832, 0.2623, 0.3113



36.9832, 0.2993, 0.2867



36.9832, 0.3659, 0.3428

Rectangle

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



36.9832, 0.3243, 0.3759



36.9832, 0.2810, 0.3456



36.9832, 0.2993, 0.2867



36.9832, 0.3445, 0.3126

Sweetspot

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



36.9848, 0.3243, 0.3759



69.3534, 0.3166, 0.3438



33.3882, 0.3434, 0.3527



15.0799, 0.3170, 0.3453



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.



36.9848, 0.3243, 0.3759



65.2771, 0.3268, 0.3871



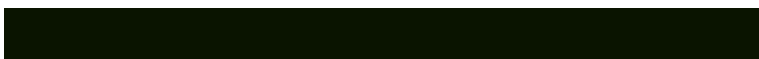
35.6330, 0.3100, 0.3771



8.5787, 0.3186, 0.3518



22.5032, 0.3355, 0.5718



0.5781, 0.3624, 0.5505

Inverse Universe

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



27.9118, 0.2992, 0.2823



46.0135, 0.2957, 0.2712



29.4555, 0.3153, 0.2852



7.4842, 0.3064, 0.3062



3.6920, 0.2074, 0.0916



0.1201, 0.2444, 0.1120

Previews

White Background



This preview shows how the Yxy color 36.9832, 0.3243, 0.3759 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 36.9832, 0.3243, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

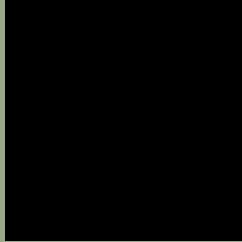
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9832, 0.3243, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 36.9832, 0.3243, 0.3759.



This preview shows how white text looks on a background with the Yxy color 36.9832, 0.3243, 0.3759.

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

36.9832, 0.3243, 0.3759

Protanopia

36.8279, 0.3480, 0.3693

Deuteranopia

36.6988, 0.3604, 0.3524



Tritanopia

37.0962, 0.2972, 0.3105

Trichromacy



Original Color

36.9832, 0.3243, 0.3759

Protanomaly

36.7948, 0.3395, 0.3715

Deuteranomaly

36.4678, 0.3468, 0.3605

Tritanomaly

37.0849, 0.3070, 0.3334

Monochromacy



Original Color

36.9832, 0.3243, 0.3759

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.1199, 0.3167, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9832, 0.3243, 0.3759 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(153, 169, 138)` looks like.

```
.text, #text, p{  
    color:rgb(153, 169, 138)  
}
```

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(153, 169, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 169, 138) }
```

Border

The CSS property to change the border of an element to Yxy 36.9832, 0.3243, 0.3759 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(153, 169, 138) }
```

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

```
.border{ border-color:rgb(153, 169, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 169, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 169, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 169, 138);  
box-shadow:4px 4px 4px 4px rgb(153, 169,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9832, 0.3243, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 169, 138) }
```

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

```
.background{ background-color: rgb(153,  
169, 138) }
```

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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