

Converting Colors

$Yxy(36.0433, 0.3188, 0.3752)$

Have a look what the booklet for
Yxy(36.0433, 0.3188, 0.3752)
contains.

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Color

Yxy(36.0433, 0.3188, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	93A88A
RGB	147, 168, 138
RGB Percent	58%, 66%, 54%
CMY	0.4235, 0.3412, 0.4587
CMYK	0.12, 0.00, 0.18, 0.34
HSL	102°, 15%, 60%
HSV	102°, 18%, 66%
XYZ	30.6253, 36.0433, 29.3957
YIQ	158.3010, -2.8860, -13.7820

Conversions

Conversions Part 2

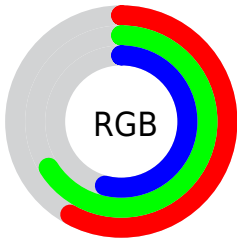
Format	Color
RYB	138, 168, 159
Decimal	9676938
CIELab	66.55, -13.05, 13.07
CIELCh	67, 18.470, 134.956
Yxy	36.0433, 0.3188, 0.3752
Android (android.graphics.Color)	4287867018 (0xFF93A88A)
YUV	158.3010, -10.0084, -9.9110
Hunter-Lab	60.0361, -14.0077, 12.9949

Details

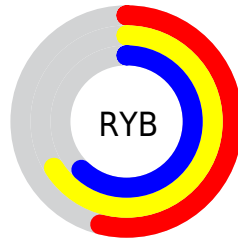
The Yxy color **36.0433, 0.3188, 0.3752** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.3826, 0.3053, 0.2845**, and the grayscale version is **34.3852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9544, 0.3180, 0.3662**, and **15.6822, 0.3200, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **34.5626, 0.3218, 0.4045**, and if you desaturate by 10%, it is **37.7136, 0.3154, 0.3483**.

Distribution



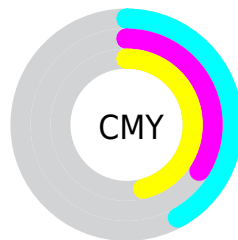
- Red (58%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0433, 0.3188, 0.3752 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 36.0433, 0.3188, 0.3752 by changing the saturation by 10% instead.


 36.0433, 0.3188,
0.3752


 36.0433, 0.3188,
0.3752


329.1498, 0.3159,
0.3505

 24.4676, 0.3194,
0.3819


 69.0989, 0.3178,
0.3658

 15.6809, 0.3202,
0.3909


 91.3476, 0.3174,
0.3624

 9.2986, 0.3210,
0.4036


 117.9228, 0.3171,
0.3596

 4.9365, 0.3219,
0.4226

149.2089, 0.3168,
0.3572

 2.2100, 0.3222,
0.4544

185.5902, 0.3165,
0.3552

 0.7255, 0.3383,
0.6617

227.4512, 0.3163,

 0.0000, 0.0000,

0.3534

0.0000

275.1763, 0.3161,
0.3519

■ 36.0433, 0.3188,
0.3752

■ 36.0433, 0.3188,
0.3752

■ 34.5626, 0.3218,
0.4045

■ 37.7136, 0.3154,
0.3483

■ 33.2601, 0.3243,
0.4357

■ 39.5752, 0.3120,
0.3240

■ 32.1301, 0.3260,
0.4677


■ 41.6357, 0.3085,
0.3023

■ 31.1649, 0.3266,
0.4993


■ 43.9011, 0.3051,
0.2831

■ 30.3561, 0.3258,
0.5285


■ 46.3769, 0.3018,
0.2661


 29.6945, 0.3236,
0.5536

 49.0684, 0.2987,
0.2512


 29.1699, 0.3200,
0.5729

 51.9407, 0.2962,
0.2386

 28.7676, 0.3154,
0.5860

 53.9456, 0.3056,
0.2411

 28.6928, 0.3145,
0.5885

 56.0842, 0.3150,
0.2436

Harmonies

Analogous

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



36.0433, 0.3456, 0.3786



36.0433, 0.3188, 0.3752



36.0433, 0.2912, 0.3575

Triad

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



36.0433, 0.3188, 0.3752



36.0433, 0.2634, 0.2887



36.0433, 0.3569, 0.3243

Complementary

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



36.0433, 0.3188, 0.3752



28.3826, 0.3053, 0.2845

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.



36.0433, 0.3332, 0.3027



36.0433, 0.3188, 0.3752



36.0433, 0.2793, 0.2824

Square

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



36.0433, 0.3188, 0.3752



36.0433, 0.2601, 0.3062



36.0433, 0.3046, 0.2877



36.0433, 0.3684, 0.3478

Rectangle

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



36.0433, 0.3188, 0.3752



36.0433, 0.2760, 0.3406



36.0433, 0.3046, 0.2877



36.0433, 0.3501, 0.3166

Sweetspot

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



36.0449, 0.3188, 0.3752



69.3313, 0.3145, 0.3413



34.9590, 0.3411, 0.3598



15.0631, 0.3147, 0.3430



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.



36.0449, 0.3188, 0.3752



64.4183, 0.3199, 0.3853



35.4245, 0.3056, 0.3666



8.5127, 0.3159, 0.3520



21.6916, 0.3152, 0.5880



0.5540, 0.3416, 0.5669

Inverse Universe

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



28.3826, 0.3053, 0.2845



48.1614, 0.3036, 0.2752



29.1170, 0.3208, 0.2941



7.5520, 0.3092, 0.3064



5.0513, 0.2475, 0.1137



0.1476, 0.2729, 0.1277

Previews

White Background



This preview shows how the Yxy color 36.0433, 0.3188, 0.3752 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 36.0433, 0.3188, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

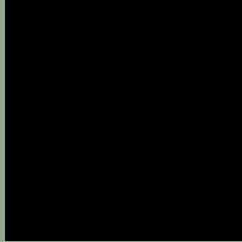
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0433, 0.3188, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 36.0433, 0.3188, 0.3752.



This preview shows how white text looks on a background with the Yxy color 36.0433, 0.3188, 0.3752.

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

36.0433, 0.3188, 0.3752

Protanopia

35.8969, 0.3465, 0.3668

Deuteranopia

36.0143, 0.3566, 0.3499



Tritanopia

36.1013, 0.2927, 0.3101

Trichromacy



Original Color

36.0433, 0.3188, 0.3752

Protanomaly

36.0099, 0.3358, 0.3706

Deuteranomaly

35.6930, 0.3420, 0.3580

Tritanomaly

36.0982, 0.3024, 0.3334

Monochromacy



Original Color

36.0433, 0.3188, 0.3752

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.9451, 0.3148, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0433, 0.3188, 0.3752 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(147, 168, 138)` looks like.

```
.text, #text, p{  
    color:rgb(147, 168, 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(147, 168, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 168, 138) }
```

Border

The CSS property to change the border of an element to Yxy 36.0433, 0.3188, 0.3752 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(147, 168, 138) }
```

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

```
.border{ border-color:rgb(147, 168, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 168, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 168, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 168, 138);  
box-shadow:4px 4px 4px 4px rgb(147, 168,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0433, 0.3188, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 168, 138) }
```

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

```
.background{ background-color: rgb(147,  
168, 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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