

Converting Colors

$Yxy(36.1554, 0.3182, 0.3803)$

Have a look what the booklet for
Yxy(36.1554, 0.3182, 0.3803)
contains.

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Color

Yxy(36.1732, 0.3185, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	91A988
RGB	145, 169, 136
RGB Percent	57%, 66%, 53%
CMY	0.4313, 0.3373, 0.4666
CMYK	0.14, 0.00, 0.20, 0.34
HSL	104°, 16%, 60%
HSV	104°, 20%, 66%
XYZ	30.3109, 36.1732, 28.6835
YIQ	158.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

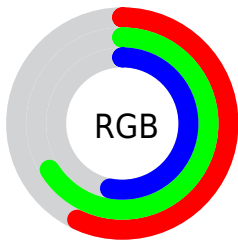
Format	Color
RYB	136, 169, 160
Decimal	9546120
CIELab	66.65, -14.65, 14.29
CIELCh	67, 20.471, 135.714
Yxy	36.1732, 0.3185, 0.3801
Android (android.graphics.Color)	4287736200 (0xFF91A988)
YUV	158.0620, -10.8766, -11.4554
Hunter-Lab	60.1442, -15.2936, 13.8248

Details

The Yxy color $36.1732, 0.3185, 0.3801$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $27.9529, 0.3055, 0.2802$, and the grayscale version is $34.2749, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.1275, 0.3178, 0.3699$, and $15.7741, 0.3195, 0.3982$ is the 20% darker color. If you saturate the color by 10%, you get $34.6743, 0.3210, 0.4100$, and if you desaturate by 10%, it is $37.8719, 0.3156, 0.3527$.

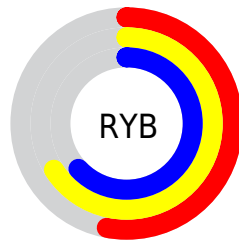
Distribution



Red (57%)

Green (66%)

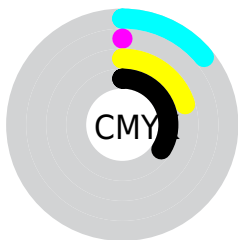
Blue (53%)



Red (53%)

Yellow (66%)

Blue (63%)

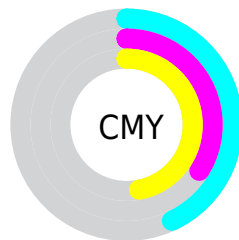


Cyan (14%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (43%)


Magenta (34%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1732, 0.3185, 0.3801 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 36.1732, 0.3185, 0.3801 by changing the saturation by 10% instead.


 36.1732, 0.3185,
0.3801


 36.1732, 0.3185,
0.3801


329.7169, 0.3159,
0.3528


 24.5680, 0.3190,
0.3876


 69.2993, 0.3176,
0.3697

 15.7555, 0.3196,
0.3976


 91.5890, 0.3173,
0.3659

 9.3513, 0.3203,
0.4117


 118.2090, 0.3170,
0.3628

 4.9710, 0.3207,
0.4329

149.5436, 0.3167,
0.3602

 2.2303, 0.3200,
0.4682

185.9774, 0.3164,
0.3579

 0.7364, 0.3173,
0.6827

227.8946, 0.3162,

 0.0000, 0.0000,

0.3560

0.0000

275.6796, 0.3160,
0.3543

■ 36.1732, 0.3185,
0.3801

■ 36.1732, 0.3185,
0.3801

■ 34.6743, 0.3210,
0.4100

■ 37.8719, 0.3156,
0.3527

■ 33.3630, 0.3230,
0.4416

■ 39.7726, 0.3126,
0.3279

■ 32.2332, 0.3241,
0.4741

■ 41.8836, 0.3095,
0.3058

■ 31.2764, 0.3242,
0.5057

■ 44.2111, 0.3064,
0.2862

■ 30.4834, 0.3230,
0.5348

■ 46.7612, 0.3035,
0.2690

■ 29.8442, 0.3205,
0.5592

■ 49.5396, 0.3007,
0.2539

■ 29.3473, 0.3167,
0.5775

■ 52.5520, 0.2981,
0.2406

■ 28.9742, 0.3124,
0.5897

■ 54.7147, 0.3074,
0.2426

■ 28.9585, 0.3122,
0.5903

■ 56.8562, 0.3167,
0.2450

Harmonies

Analogous

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



36.1732, 0.3483, 0.3841



36.1732, 0.3185, 0.3801



36.1732, 0.2882, 0.3600

Triad

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



36.1732, 0.3185, 0.3801



36.1732, 0.2587, 0.2841



36.1732, 0.3623, 0.3243

Complementary

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



36.1732, 0.3185, 0.3801



27.9529, 0.3055, 0.2802

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.



36.1732, 0.3361, 0.3006



36.1732, 0.3185, 0.3801



36.1732, 0.2764, 0.2777

Square

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



36.1732, 0.3185, 0.3801



36.1732, 0.2546, 0.3029



36.1732, 0.3045, 0.2838



36.1732, 0.3745, 0.3502

Rectangle

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



36.1732, 0.3185, 0.3801



36.1732, 0.2716, 0.3410



36.1732, 0.3045, 0.2838



36.1732, 0.3547, 0.3159

Sweetspot

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



36.1748, 0.3185, 0.3801



68.9447, 0.3146, 0.3439



35.2356, 0.3439, 0.3636



14.9823, 0.3148, 0.3455



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.



36.1748, 0.3185, 0.3801



63.6984, 0.3195, 0.3915



35.6001, 0.3044, 0.3697



8.5030, 0.3155, 0.3520



21.6058, 0.3129, 0.5898



0.5504, 0.3383, 0.5696

Inverse Universe

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



27.9529, 0.3055, 0.2802



46.5124, 0.3037, 0.2700



28.6521, 0.3222, 0.2915



7.5623, 0.3096, 0.3064



5.2973, 0.2540, 0.1173



0.1522, 0.2773, 0.1301

Previews

White Background



This preview shows how the Yxy color 36.1732, 0.3185, 0.3801 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 36.1732, 0.3185, 0.3801 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 36.1732, 0.3185, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 36.1732, 0.3185, 0.3801.



This preview shows how white text looks on a background with the Yxy color 36.1732, 0.3185, 0.3801.

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

36.1732, 0.3185, 0.3801

Protanopia

35.8136, 0.3493, 0.3712

Deuteranopia

36.0801, 0.3596, 0.3526



Tritanopia

35.9083, 0.2909, 0.3100

Trichromacy



Original Color

36.1732, 0.3185, 0.3801

Protanomaly

35.9258, 0.3385, 0.3752

Deuteranomaly

35.9826, 0.3437, 0.3624

Tritanomaly

35.8730, 0.3014, 0.3350

Monochromacy



Original Color

36.1732, 0.3185, 0.3801

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8150, 0.3147, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1732, 0.3185, 0.3801 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(145, 169, 136)` looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 136)  
}
```

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(145, 169, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 136) }
```

Border

The CSS property to change the border of an element to Yxy 36.1732, 0.3185, 0.3801 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(145, 169, 136) }
```

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

```
.border{ border-color:rgb(145, 169, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 169, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 169, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 169, 136);  
box-shadow:4px 4px 4px 4px rgb(145, 169,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1732, 0.3185, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 136) }
```

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

```
.background{ background-color: rgb(145,  
169, 136) }
```

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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