

Converting Colors

$Yxy(36.1124, 0.3010, 0.3641)$

Have a look what the booklet for
Yxy(36.1124, 0.3010, 0.3641)
contains.

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Color

Yxy(36.1218, 0.3005, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	88AA94
RGB	136, 170, 148
RGB Percent	53%, 67%, 58%
CMY	0.4668, 0.3333, 0.4197
CMYK	0.20, 0.00, 0.13, 0.33
HSL	141°, 17%, 60%
HSV	141°, 20%, 67%
XYZ	29.8696, 36.1218, 33.4082
YIQ	157.3260, -13.2020, -14.0500

Conversions

Conversions Part 2

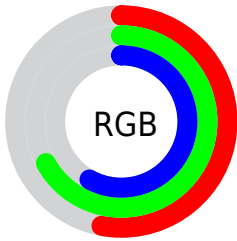
Format	Color
RYB	136, 161, 170
Decimal	8956564
CIELab	66.61, -16.15, 7.54
CIELCh	67, 17.826, 154.971
Yxy	36.1218, 0.3005, 0.3634
Android (android.graphics.Color)	4287146644 (0xFF88AA94)
YUV	157.3260, -4.5977, -18.7029
Hunter-Lab	60.1014, -16.4655, 9.1138

Details

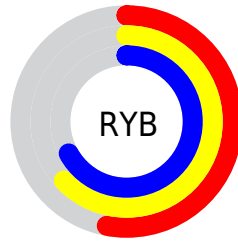
The Yxy color **36.1218, 0.3005, 0.3634** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.6181, 0.3274, 0.2969**, and the grayscale version is **33.8954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0618, 0.3032, 0.3560**, and **15.7984, 0.2972, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **34.4792, 0.2947, 0.3836**, and if you desaturate by 10%, it is **38.0263, 0.3066, 0.3452**.

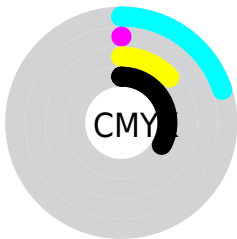
Distribution



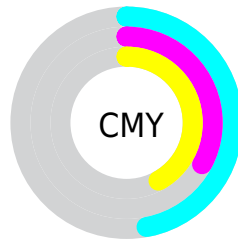
- Red (53%)
- Green (67%)
- Blue (58%)



- Red (53%)
- Yellow (63%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)





- Cyan (47%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1218, 0.3005, 0.3634 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 36.1218, 0.3005, 0.3634 by changing the saturation by 10% instead.


 36.1218, 0.3005,
0.3634


 36.1218, 0.3005,
0.3634


329.4926, 0.3071,
0.3451


 24.5283, 0.2987,
0.3684


 69.2200, 0.3030,
0.3564

 15.7260, 0.2963,
0.3751


 91.4935, 0.3039,
0.3539

 9.3304, 0.2928,
0.3845


 118.0958, 0.3047,
0.3518

 4.9573, 0.2875,
0.3987

149.4112, 0.3053,
0.3500

 2.2223, 0.2786,
0.4227

185.8242, 0.3058,
0.3485

 0.7321, 0.2313,
0.5616

227.7192, 0.3063,

 0.0000, 0.0000,

0.3472

0.0000

275.4805, 0.3067,
0.3461

■ 36.1218, 0.3005,
0.3634

■ 36.1218, 0.3005,
0.3634

■ 34.4792, 0.2947,
0.3836

■ 38.0263, 0.3066,
0.3452

■ 33.0825, 0.2895,
0.4056

■ 40.1990, 0.3127,
0.3290

■ 31.9207, 0.2852,
0.4291

■ 42.6516, 0.3188,
0.3147

■ 30.9802, 0.2820,
0.4537

■ 45.3937, 0.3247,
0.3021

■ 30.2462, 0.2802,
0.4785

■ 48.4345, 0.3304,
0.2912

■ 29.7016, 0.2802,
0.5026

■ 51.7828, 0.3359,
0.2816

■ 29.3266, 0.2819,
0.5250

■ 55.4470, 0.3410,
0.2732

■ 29.0793, 0.2847,
0.5450

■ 56.0698, 0.3318,
0.2629

■ 56.7293, 0.3228,
0.2529

Harmonies

Analogous

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



36.1218, 0.3277, 0.3762



36.1218, 0.3005, 0.3634



36.1218, 0.2773, 0.3401

Triad

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



36.1218, 0.3005, 0.3634



36.1218, 0.2742, 0.2847



36.1218, 0.3643, 0.3398

Complementary

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



36.1218, 0.3005, 0.3634



28.6181, 0.3274, 0.2969

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.



36.1218, 0.3488, 0.3171



36.1218, 0.3005, 0.3634



36.1218, 0.2961, 0.2862

Square

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



36.1218, 0.3005, 0.3634



36.1218, 0.2626, 0.2946



36.1218, 0.3234, 0.2979



36.1218, 0.3653, 0.3609

Rectangle

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



36.1218, 0.3005, 0.3634



36.1218, 0.2669, 0.3228



36.1218, 0.3234, 0.2979



36.1218, 0.3606, 0.3321

Sweetspot

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



36.1233, 0.3005, 0.3634



70.4671, 0.3090, 0.3387



37.8093, 0.3307, 0.3796



15.6603, 0.3086, 0.3397



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.1233, 0.3005, 0.3634



64.1590, 0.2979, 0.3721



36.6988, 0.2873, 0.3367



8.4498, 0.3070, 0.3440



21.3980, 0.2842, 0.5430



0.5303, 0.2648, 0.4733

Inverse Universe

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



28.6181, 0.3274, 0.2969



48.0504, 0.3313, 0.2896



28.0749, 0.3458, 0.3215



7.6210, 0.3189, 0.3145



7.1259, 0.4326, 0.2157



0.1825, 0.3875, 0.1908

Previews

White Background



This preview shows how the Yxy color 36.1218, 0.3005, 0.3634 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 36.1218, 0.3005, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

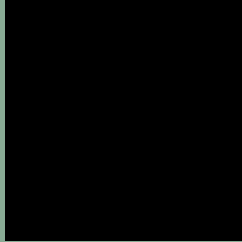
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1218, 0.3005, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 36.1218, 0.3005, 0.3634.



This preview shows how white text looks on a background with the Yxy color 36.1218, 0.3005, 0.3634.

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

36.1218, 0.3005, 0.3634

Protanopia

35.9079, 0.3370, 0.3552

Deuteranopia

35.8351, 0.3426, 0.3361



Tritanopia

36.2779, 0.2811, 0.3097

Trichromacy



Original Color

36.1218, 0.3005, 0.3634

Protanomaly

35.7634, 0.3228, 0.3575

Deuteranomaly

35.6911, 0.3265, 0.3451

Tritanomaly

36.0400, 0.2880, 0.3274

Monochromacy



Original Color

36.1218, 0.3005, 0.3634

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.5633, 0.3074, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1218, 0.3005, 0.3634 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(136, 170, 148)` looks like.

```
.text, #text, p{  
    color:rgb(136, 170, 148)  
}
```

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(136, 170, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 170, 148) }
```

Border

The CSS property to change the border of an element to Yxy 36.1218, 0.3005, 0.3634 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(136, 170, 148) }
```

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

```
.border{ border-color:rgb(136, 170, 148) }
```

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

Here you see how a box with a 4 pixel rgb(136, 170, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 170, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 170, 148);  
box-shadow:4px 4px 4px 4px rgb(136, 170,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1218, 0.3005, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 170, 148) }
```

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

```
.background{ background-color: rgb(136,  
170, 148) }
```

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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