

Converting Colors

$Yxy(36.3507, 0.2845, 0.3341)$

Have a look what the booklet for
Yxy(36.3507, 0.2845, 0.3341)
contains.

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Color

Yxy(36.1974, 0.2847, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	86A9A6
RGB	134, 169, 166
RGB Percent	53%, 66%, 65%
CMY	0.4746, 0.3372, 0.3490
CMYK	0.21, 0.00, 0.02, 0.34
HSL	175°, 17%, 59%
HSV	175°, 21%, 66%
XYZ	30.9007, 36.1974, 41.4398
YIQ	158.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

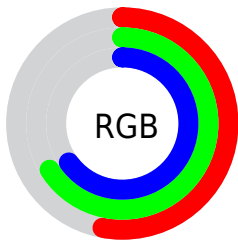
Format	Color
RYB	134, 152, 169
Decimal	8825254
CIELab	66.67, -12.53, -2.40
CIElCh	67, 12.760, 190.853
Yxy	36.1974, 0.2847, 0.3335
Android (android.graphics.Color)	4287015334 (0xFF86A9A6)
YUV	158.1930, 3.8489, -21.2173
Hunter-Lab	60.1643, -13.6088, 1.2774

Details

The Yxy color **36.1974, 0.2847, 0.3335** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.2862, 0.3497, 0.3246**, and the grayscale version is **34.2725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2231, 0.2903, 0.3324**, and **15.7765, 0.2757, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **34.8668, 0.2726, 0.3360**, and if you desaturate by 10%, it is **37.7535, 0.2978, 0.3312**.

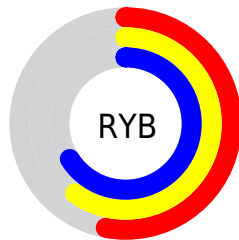
Distribution



Red (53%)

Green (66%)

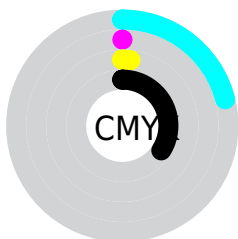
Blue (65%)



Red (53%)

Yellow (60%)

Blue (66%)

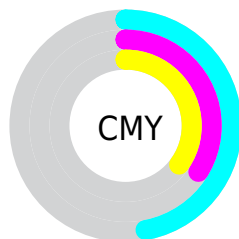


Cyan (21%)

Magenta (0%)

Yellow (2%)

Black (34%)



Cyan (47%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1974, 0.2847, 0.3335 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 36.1974, 0.2847, 0.3335 by changing the saturation by 10% instead.

 36.1974, 0.2847,
0.3335


 36.1974, 0.2847,
0.3335


329.8225, 0.2992,
0.3313

 24.5867, 0.2809,
0.3340


 69.3366, 0.2901,
0.3327

 15.7694, 0.2759,
0.3347


 91.6340, 0.2921,
0.3324

 9.3611, 0.2691,
0.3357


 118.2623, 0.2938,
0.3321

 4.9775, 0.2591,
0.3369

149.6060, 0.2952,
0.3319

 2.2340, 0.2434,
0.3387

186.0494, 0.2964,
0.3317

 0.7385, 0.1880,
0.3506

227.9771, 0.2975,

 0.0000, 0.0000,

0.3316

0.0000

275.7733, 0.2984,
0.3314

■ 36.1974, 0.2847,
0.3335

■ 36.1974, 0.2847,
0.3335

■ 34.8668, 0.2726,
0.3360

■ 37.7535, 0.2978,
0.3312

■ 33.7468, 0.2617,
0.3386

■ 39.5404, 0.3117,
0.3291

■ 32.8274, 0.2524,
0.3413

■ 41.5689, 0.3260,
0.3273

■ 32.0961, 0.2447,
0.3441

■ 43.8477, 0.3405,
0.3256

■ 31.5392, 0.2389,
0.3469

■ 46.3851, 0.3550,
0.3241

■ 31.1409, 0.2350,
0.3498

■ 49.1890, 0.3693,
0.3228

■ 30.8826, 0.2328,
0.3527

■ 52.2670, 0.3833,
0.3216

■ 30.7302, 0.2320,
0.3553

■ 52.8357, 0.3844,
0.3202

■ 52.8939, 0.3830,
0.3187

Harmonies

Analogous

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



36.1974, 0.3005, 0.3505



36.1974, 0.2847, 0.3335



36.1974, 0.2764, 0.3158

Triad

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



36.1974, 0.2847, 0.3335



36.1974, 0.3047, 0.2990



36.1974, 0.3491, 0.3547

Complementary

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



36.1974, 0.2847, 0.3335



27.2862, 0.3497, 0.3246

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.



36.1974, 0.3505, 0.3403



36.1974, 0.2847, 0.3335



36.1974, 0.3244, 0.3088

Square

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



36.1974, 0.2847, 0.3335



36.1974, 0.2876, 0.2966



36.1974, 0.3413, 0.3237



36.1974, 0.3378, 0.3626

Rectangle

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



36.1974, 0.2847, 0.3335



36.1974, 0.2760, 0.3062



36.1974, 0.3413, 0.3237



36.1974, 0.3508, 0.3504

Sweetspot

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



36.1989, 0.2847, 0.3335



69.0330, 0.3042, 0.3302



35.4585, 0.3133, 0.3845



15.0038, 0.3033, 0.3304



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.



36.1989, 0.2847, 0.3335



63.6493, 0.2788, 0.3346



31.3732, 0.2810, 0.3071



8.5208, 0.2998, 0.3309



22.9049, 0.2320, 0.3550



0.5604, 0.2293, 0.3456

Inverse Universe

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



27.2862, 0.3497, 0.3246



44.6986, 0.3608, 0.3235



31.3336, 0.3491, 0.3500



7.5523, 0.3273, 0.3271



6.3147, 0.6283, 0.3235



0.1568, 0.5809, 0.2974

Previews

White Background



This preview shows how the Yxy color 36.1974, 0.2847, 0.3335 looks on a white background.

Color Contrast Check

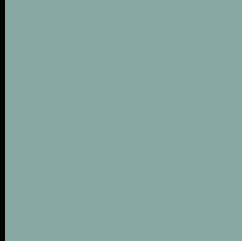
Large Text (above 18pt) WCAG AA × Fail

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 36.1974, 0.2847, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

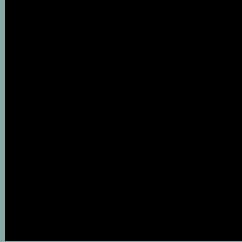
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

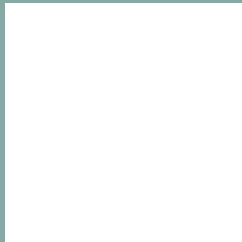
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1974, 0.2847, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 36.1974, 0.2847, 0.3335.

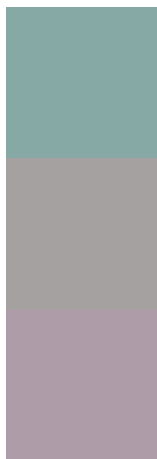


This preview shows how white text looks on a background with the Yxy color 36.1974, 0.2847, 0.3335.

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

36.1974, 0.2847, 0.3335

Protanopia

36.0623, 0.3165, 0.3290

Deuteranopia

35.9772, 0.3184, 0.3123



Tritanopia

36.2511, 0.2765, 0.3096

Trichromacy



Original Color

36.1974, 0.2847, 0.3335

Protanomaly

36.0653, 0.3043, 0.3305

Deuteranomaly

35.6878, 0.3047, 0.3188

Tritanomaly

36.3346, 0.2795, 0.3184

Monochromacy



Original Color

36.1974, 0.2847, 0.3335

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8034, 0.3015, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1974, 0.2847, 0.3335 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(134, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(134, 169, 166)  
}
```

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(134, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 169, 166) }
```

Border

The CSS property to change the border of an element to Yxy 36.1974, 0.2847, 0.3335 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(134, 169, 166) }
```

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

```
.border{ border-color:rgb(134, 169, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 169, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(134, 169,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1974, 0.2847, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 169, 166) }
```

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

```
.background{ background-color: rgb(134,  
169, 166) }
```

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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