

Converting Colors

$Y_{xy}(35.0064, 0.3039, 0.3458)$

Have a look what the booklet for
Yxy(35.0064, 0.3039, 0.3458)
contains.

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Color

Yxy(34.8706, 0.3045, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	91A499
RGB	145, 164, 153
RGB Percent	57%, 64%, 60%
CMY	0.4315, 0.3568, 0.4001
CMYK	0.12, 0.00, 0.07, 0.36
HSL	145°, 9%, 61%
HSV	145°, 12%, 64%
XYZ	30.6970, 34.8706, 35.2436
YIQ	157.0650, -7.7930, -7.4490

Conversions

Conversions Part 2

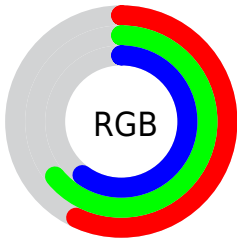
Format	Color
RYB	145, 158, 164
Decimal	9544857
CIELab	65.65, -8.88, 3.45
CIELCh	66, 9.528, 158.765
Yxy	34.8706, 0.3045, 0.3459
Android (android.graphics.Color)	4287734937 (0xFF91A499)
YUV	157.0650, -2.0040, -10.5810
Hunter-Lab	59.0513, -10.5491, 5.9499

Details

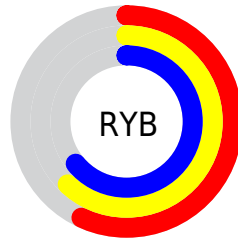
The Yxy color **34.8706, 0.3045, 0.3459** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5351, 0.3219, 0.3127**, and the grayscale version is **33.7575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3101, 0.3064, 0.3429**, and **14.9273, 0.3013, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **33.1871, 0.2976, 0.3623**, and if you desaturate by 10%, it is **36.7971, 0.3116, 0.3312**.

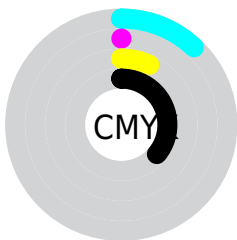
Distribution



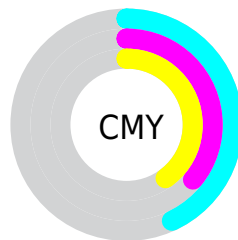
- Red (57%)
- Green (64%)
- Blue (60%)



- Red (57%)
- Yellow (62%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)



- Cyan (43%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8706, 0.3045, 0.3459 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 34.8706, 0.3045, 0.3459 by changing the saturation by 10% instead.

■ 34.8706, 0.3045,
0.3459

■ 34.8706, 0.3045,
0.3459

■ 323.9968, 0.3089,
0.3369

■ 23.5632, 0.3033,
0.3483

■ 67.2853, 0.3061,
0.3425

■ 15.0099, 0.3017,
0.3516

■ 89.1613, 0.3067,
0.3413

■ 8.8264, 0.2995,
0.3561

■ 115.3291, 0.3072,
0.3403

■ 4.6281, 0.2962,
0.3629

■ 146.1729, 0.3077,
0.3394

■ 2.0307, 0.2907,
0.3743

■ 182.0772, 0.3080,
0.3386

■ 0.6252, 0.2617,
0.4335

■ 223.4263, 0.3083,

■ 0.0000, 0.0000,

0.3380

0.0000

270.6047, 0.3086,
0.3374

■ 34.8706, 0.3045,
0.3459

■ 34.8706, 0.3045,
0.3459

■ 33.1871, 0.2976,
0.3623

■ 36.7971, 0.3116,
0.3312

■ 31.7325, 0.2911,
0.3804

■ 38.9714, 0.3186,
0.3182

■ 30.4977, 0.2853,
0.4001

■ 41.4036, 0.3256,
0.3067

■ 29.4715, 0.2805,
0.4212

■ 44.1020, 0.3323,
0.2966

■ 28.6417, 0.2770,
0.4432

■ 47.0745, 0.3388,
0.2877

■ 27.9945, 0.2751,
0.4655

■ 50.3287, 0.3450,
0.2800

■ 27.5144, 0.2750,
0.4875

■ 52.9543, 0.3467,
0.2725

■ 27.1833, 0.2767,
0.5084

■ 53.4703, 0.3383,
0.2635

■ 26.9861, 0.2791,
0.5247

■ 54.0152, 0.3303,
0.2548

Harmonies

Analogous

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



34.8706, 0.3193, 0.3536



34.8706, 0.3045, 0.3459



34.8706, 0.2922, 0.3334

Triad

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



34.8706, 0.3045, 0.3459



34.8706, 0.2930, 0.3045



34.8706, 0.3409, 0.3369

Complementary

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



34.8706, 0.3045, 0.3459



30.5351, 0.3219, 0.3127

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.



34.8706, 0.3336, 0.3242



34.8706, 0.3045, 0.3459



34.8706, 0.3057, 0.3058

Square

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



34.8706, 0.3045, 0.3459



34.8706, 0.2856, 0.3095



34.8706, 0.3206, 0.3130



34.8706, 0.3405, 0.3479

Rectangle

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



34.8706, 0.3045, 0.3459



34.8706, 0.2868, 0.3243



34.8706, 0.3206, 0.3130



34.8706, 0.3393, 0.3327

Sweetspot

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



34.8721, 0.3045, 0.3459



66.2487, 0.3105, 0.3332



35.6748, 0.3219, 0.3576



14.4211, 0.3100, 0.3343



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8721, 0.3045, 0.3459



62.4348, 0.3026, 0.3501



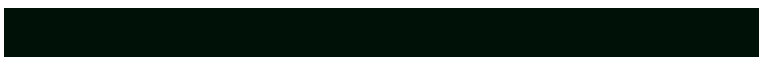
35.1964, 0.2966, 0.3314



7.9422, 0.3062, 0.3423



20.6970, 0.2786, 0.5229



0.4442, 0.2583, 0.4499

Inverse Universe

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



30.5351, 0.3219, 0.3127



52.9395, 0.3242, 0.3088



30.2276, 0.3314, 0.3267



7.1515, 0.3199, 0.3161



6.6941, 0.4594, 0.2305



0.1498, 0.3976, 0.1964

Previews

White Background



This preview shows how the Yxy color 34.8706, 0.3045, 0.3459 looks on a white background.

Color Contrast Check

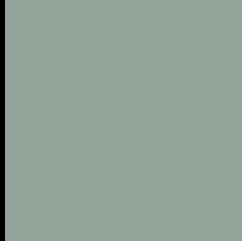
Large Text (above 18pt) WCAG AA × Fail

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 34.8706, 0.3045, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

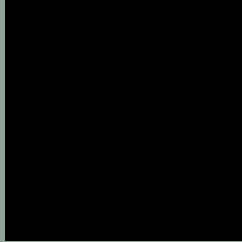
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

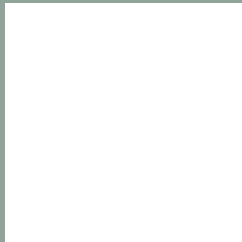
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8706, 0.3045, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 34.8706, 0.3045, 0.3459.



This preview shows how white text looks on a background with the Yxy color 34.8706, 0.3045, 0.3459.

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

34.8706, 0.3045, 0.3459

Protanopia

34.8908, 0.3258, 0.3423

Deuteranopia

34.7079, 0.3340, 0.3277



Tritanopia

34.8416, 0.2898, 0.3097

Trichromacy



Original Color

34.8706, 0.3045, 0.3459

Protanomaly

34.8922, 0.3178, 0.3440

Deuteranomaly

34.7861, 0.3232, 0.3349

Tritanomaly

34.7969, 0.2955, 0.3229

Monochromacy



Original Color

34.8706, 0.3045, 0.3459

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.3142, 0.3096, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8706, 0.3045, 0.3459 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, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(145, 164, 153)  
}
```

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, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 164, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.8706, 0.3045, 0.3459 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, 164, 153) }
```

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

```
.border{ border-color:rgb(145, 164, 153) }
```

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

Here you see how a box with a 4 pixel rgb(145, 164, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(145, 164,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8706, 0.3045, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 164, 153) }
```

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

```
.background{ background-color: rgb(145,  
164, 153) }
```

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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