

Converting Colors

Yxy(34.8344, 0.2928, 0.3157)

Have a look what the booklet for
Yxy(34.8344, 0.2928, 0.3157)
contains.

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Color

Yxy(34.6879, 0.2930, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	94A1AA
RGB	148, 161, 170
RGB Percent	58%, 63%, 67%
CMY	0.4196, 0.3686, 0.3332
CMYK	0.13, 0.05, 0.00, 0.33
HSL	205°, 11%, 62%
HSV	205°, 13%, 67%
XYZ	32.2141, 34.6879, 43.0438
YIQ	158.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

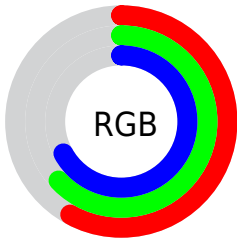
Format	Color
RYB	148, 156, 170
Decimal	9740714
CIELab	65.50, -2.70, -6.26
CIElCh	66, 6.818, 246.627
Yxy	34.6879, 0.2930, 0.3155
Android (android.graphics.Color)	4287930794 (0xFF94A1AA)
YUV	158.1390, 5.8475, -8.8919
Hunter-Lab	58.8964, -5.4360, -2.1039

Details

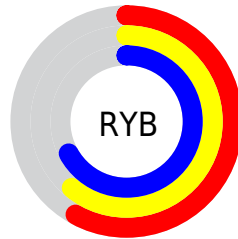
The Yxy color **34.6879, 0.2930, 0.3155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8081, 0.3341, 0.3421**, and the grayscale version is **34.2356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1045, 0.2969, 0.3188**, and **15.0013, 0.2865, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **30.8515, 0.2775, 0.3038**, and if you desaturate by 10%, it is **38.8958, 0.3083, 0.3261**.

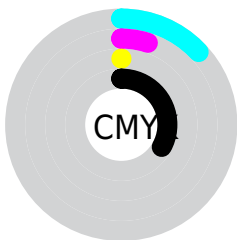
Distribution



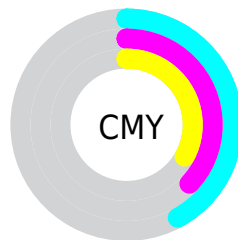
- Red (58%)
- Green (63%)
- Blue (67%)



- Red (58%)
- Yellow (61%)
- Blue (67%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6879, 0.2930, 0.3155 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 34.6879, 0.2930, 0.3155 by changing the saturation by 10% instead.

■ 34.6879, 0.2930,
0.3155

■ 34.6879, 0.2930,
0.3155

■ 323.1886, 0.3033,
0.3226

■ 23.4226, 0.2903,
0.3136

■ 67.0020, 0.2969,
0.3182

■ 14.9058, 0.2867,
0.3111

■ 88.8195, 0.2983,
0.3192

■ 8.7533, 0.2817,
0.3075

■ 114.9233, 0.2994,
0.3200

■ 4.5806, 0.2745,
0.3023

■ 145.6976, 0.3004,
0.3207

■ 2.0034, 0.2628,
0.2937

■ 181.5269, 0.3013,
0.3213

■ 0.6094, 0.2301,
0.2732

■ 222.7955, 0.3021,

■ 0.0000, 0.0000,

0.3218

0.0000

269.8880, 0.3027,
0.3222

■ 34.6879, 0.2930,
0.3155

■ 34.6879, 0.2930,
0.3155

■ 30.8515, 0.2775,
0.3038

■ 38.8958, 0.3083,
0.3261

■ 27.3699, 0.2620,
0.2910

■ 43.4823, 0.3231,
0.3356

■ 24.2314, 0.2469,
0.2773

■ 48.4602, 0.3373,
0.3440

■ 21.4220, 0.2326,
0.2626

■ 53.8397, 0.3508,
0.3515

■ 18.9264, 0.2194,
0.2473

■ 59.6312, 0.3636,
0.3580

■ 16.7278, 0.2078,
0.2316

■ 65.8443, 0.3756,
0.3638

■ 14.8071, 0.1981,
0.2159

■ 70.1384, 0.3774,
0.3702

■ 13.1420, 0.1905,
0.2005

■ 73.6478, 0.3750,
0.3771

■ 12.0911, 0.1861,
0.1898

■ 77.3087, 0.3728,
0.3839

Harmonies

Analogous

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



34.6879, 0.2932, 0.3233



34.6879, 0.2930, 0.3155



34.6879, 0.2980, 0.3114

Triad

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



34.6879, 0.2930, 0.3155



34.6879, 0.3271, 0.3250



34.6879, 0.3182, 0.3467

Complementary

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



34.6879, 0.2930, 0.3155



34.8081, 0.3341, 0.3421

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.



34.6879, 0.3275, 0.3469



34.6879, 0.2930, 0.3155



34.6879, 0.3327, 0.3342

Square

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



34.6879, 0.2930, 0.3155



34.6879, 0.3176, 0.3169



34.6879, 0.3328, 0.3422



34.6879, 0.3076, 0.3416

Rectangle

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



34.6879, 0.2930, 0.3155



34.6879, 0.3037, 0.3113



34.6879, 0.3328, 0.3422



34.6879, 0.3216, 0.3473

Sweetspot

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



34.6893, 0.2930, 0.3155



69.6627, 0.3066, 0.3250



37.4846, 0.3039, 0.3488



15.4055, 0.3055, 0.3242



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.



34.6893, 0.2930, 0.3155



60.5251, 0.2879, 0.3117



31.0731, 0.2926, 0.2990



8.0089, 0.2987, 0.3195



9.0023, 0.1865, 0.1914



0.3159, 0.2006, 0.2420

Inverse Universe

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



32.2996, 0.3229, 0.3103



55.2932, 0.3259, 0.3053



38.6297, 0.3321, 0.3573



7.6138, 0.3197, 0.3158



6.9798, 0.4551, 0.2281



0.1796, 0.4003, 0.1979

Previews

White Background



This preview shows how the Yxy color 34.6879, 0.2930, 0.3155 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 34.6879, 0.2930, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

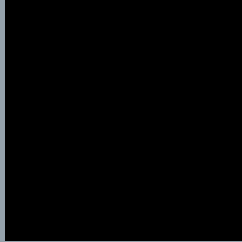
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

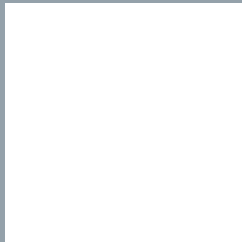
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.6879, 0.2930, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 34.6879, 0.2930, 0.3155.



This preview shows how white text looks on a background with the Yxy color 34.6879, 0.2930, 0.3155.

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

34.6879, 0.2930, 0.3155

Protanopia

34.6518, 0.3048, 0.3144

Deuteranopia

34.4865, 0.3119, 0.3050



Tritanopia

34.5483, 0.2914, 0.3097

Trichromacy



Original Color

34.6879, 0.2930, 0.3155

Protanomaly

34.6294, 0.3002, 0.3143

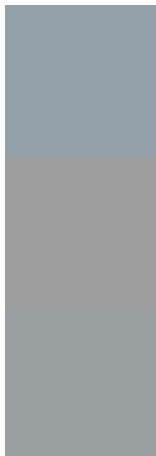
Deuteranomaly

34.6313, 0.3041, 0.3088

Tritanomaly

34.5097, 0.2922, 0.3112

Monochromacy



Original Color

34.6879, 0.2930, 0.3155

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2749, 0.3053, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6879, 0.2930, 0.3155 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(148, 161, 170)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 170)  
}
```

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(148, 161, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 170) }
```

Border

The CSS property to change the border of an element to Yxy 34.6879, 0.2930, 0.3155 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(148, 161, 170) }
```

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

```
.border{ border-color:rgb(148, 161, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 161, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 161, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 161, 170); box-shadow:4px 4px 4px 4px rgb(148, 161, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6879, 0.2930, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 170) }
```

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

```
.background{ background-color: rgb(148,  
161, 170) }
```

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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