

Converting Colors

$Yxy(34.7723, 0.2893, 0.3235)$

Have a look what the booklet for
Yxy(34.7723, 0.2893, 0.3235)
contains.

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Color

Yxy(34.6471, 0.2894, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	8DA3A7
RGB	141, 163, 167
RGB Percent	55%, 64%, 65%
CMY	0.4471, 0.3607, 0.3452
CMYK	0.16, 0.02, 0.00, 0.35
HSL	189°, 13%, 60%
HSV	189°, 16%, 65%
XYZ	31.0526, 34.6471, 41.6001
YIQ	156.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

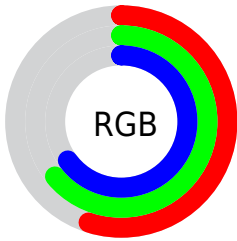
Format	Color
RYB	141, 153, 167
Decimal	9282471
CIELab	65.47, -6.81, -4.65
CIELCh	65, 8.247, 214.355
Yxy	34.6471, 0.2894, 0.3229
Android (android.graphics.Color)	4287472551 (0xFF8DA3A7)
YUV	156.8780, 4.9901, -13.9250
Hunter-Lab	58.8618, -8.8404, -0.6995

Details

The Yxy color **34.6471, 0.2894, 0.3229** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3715, 0.3404, 0.3350**, and the grayscale version is **33.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0188, 0.2941, 0.3244**, and **14.7803, 0.2815, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **32.3973, 0.2751, 0.3185**, and if you desaturate by 10%, it is **37.1387, 0.3043, 0.3269**.

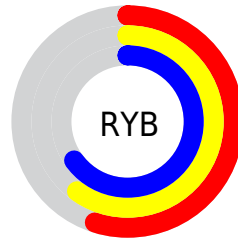
Distribution



Red (55%)

Green (64%)

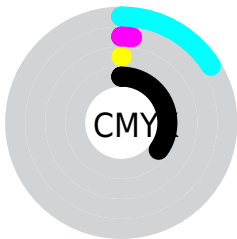
Blue (65%)



Red (55%)

Yellow (60%)

Blue (65%)

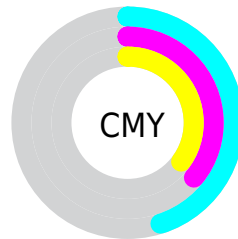


Cyan (16%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (45%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6471, 0.2894, 0.3229 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 34.6471, 0.2894, 0.3229 by changing the saturation by 10% instead.


 34.6471, 0.2894,
0.3229


 34.6471, 0.2894,
0.3229


323.0079, 0.3016,
0.3262


 23.3912, 0.2862,
0.3220


 66.9387, 0.2939,
0.3242

 14.8826, 0.2820,
0.3207


 88.7432, 0.2956,
0.3246

 8.7370, 0.2761,
0.3190


 114.8326, 0.2970,
0.3250

 4.5701, 0.2676,
0.3163

145.5914, 0.2982,
0.3253

 1.9973, 0.2539,
0.3117

181.4039, 0.2992,
0.3256

 0.6059, 0.2048,
0.3028

222.6545, 0.3001,

 0.0000, 0.0000,

0.3258

0.0000

269.7278, 0.3009,
0.3260

■ 34.6471, 0.2894,
0.3229

■ 34.6471, 0.2894,
0.3229

■ 32.3973, 0.2751,
0.3185

■ 37.1387, 0.3043,
0.3269

■ 30.3751, 0.2616,
0.3139

■ 39.8771, 0.3195,
0.3306

■ 28.5711, 0.2493,
0.3089

■ 42.8726, 0.3347,
0.3339

■ 26.9739, 0.2385,
0.3038

■ 46.1336, 0.3498,
0.3368

■ 25.5705, 0.2293,
0.2985

■ 49.6679, 0.3645,
0.3394

■ 24.3466, 0.2219,
0.2932

■ 53.4832, 0.3788,
0.3417

■ 23.2857, 0.2163,
0.2878

■ 57.0390, 0.3901,
0.3438

■ 22.3665, 0.2126,
0.2825

■ 58.0843, 0.3891,
0.3465

■ 21.9826, 0.2112,
0.2801

■ 59.1487, 0.3882,
0.3491

Harmonies

Analogous

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



34.6471, 0.2962, 0.3346



34.6471, 0.2894, 0.3229



34.6471, 0.2887, 0.3132

Triad

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



34.6471, 0.2894, 0.3229



34.6471, 0.3177, 0.3139



34.6471, 0.3313, 0.3504

Complementary

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



34.6471, 0.2894, 0.3229



30.3715, 0.3404, 0.3350

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.



34.6471, 0.3373, 0.3443



34.6471, 0.2894, 0.3229



34.6471, 0.3294, 0.3233

Square

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



34.6471, 0.2894, 0.3229



34.6471, 0.3048, 0.3083



34.6471, 0.3366, 0.3343



34.6471, 0.3203, 0.3507

Rectangle

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



34.6471, 0.2894, 0.3229



34.6471, 0.2918, 0.3091



34.6471, 0.3366, 0.3343



34.6471, 0.3339, 0.3489

Sweetspot

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



34.6485, 0.2894, 0.3229



66.7555, 0.3050, 0.3271



35.3320, 0.3075, 0.3634



14.8677, 0.3040, 0.3268



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.



34.6485, 0.2894, 0.3229



60.4983, 0.2839, 0.3213



30.2887, 0.2886, 0.3028



8.3340, 0.2987, 0.3255



16.8829, 0.2113, 0.2806



0.4617, 0.2162, 0.2982

Inverse Universe

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



29.9021, 0.3184, 0.2969



50.2710, 0.3200, 0.2889



34.5489, 0.3375, 0.3539



7.6466, 0.3160, 0.3101



7.7754, 0.3629, 0.1773



0.1943, 0.3470, 0.1685

Previews

White Background



This preview shows how the Yxy color 34.6471, 0.2894, 0.3229 looks on a white background.

Color Contrast Check

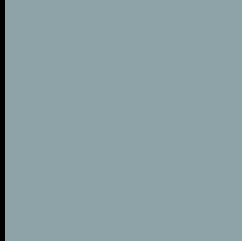
Large Text (above 18pt) WCAG AA × Fail

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 34.6471, 0.2894, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

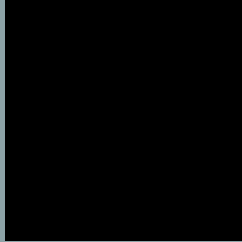
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

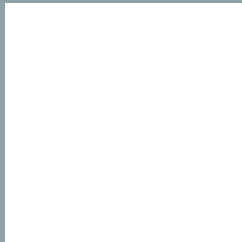
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.6471, 0.2894, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 34.6471, 0.2894, 0.3229.



This preview shows how white text looks on a background with the Yxy color 34.6471, 0.2894, 0.3229.

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

34.6471, 0.2894, 0.3229

Protanopia

34.6076, 0.3093, 0.3202

Deuteranopia

34.4108, 0.3137, 0.3077



Tritanopia

34.6866, 0.2839, 0.3095

Trichromacy



Original Color

34.6471, 0.2894, 0.3229

Protanomaly

34.6305, 0.3018, 0.3216

Deuteranomaly

34.3120, 0.3048, 0.3129

Tritanomaly

34.5700, 0.2862, 0.3139

Monochromacy



Original Color

34.6471, 0.2894, 0.3229

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.9488, 0.3034, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6471, 0.2894, 0.3229 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(141, 163, 167)` looks like.

```
.text, #text, p{  
    color:rgb(141, 163, 167)  
}
```

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(141, 163, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 163, 167) }
```

Border

The CSS property to change the border of an element to Yxy 34.6471, 0.2894, 0.3229 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(141, 163, 167) }
```

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

```
.border{ border-color:rgb(141, 163, 167) }
```

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

Here you see how a box with a 4 pixel rgb(141, 163, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(141, 163,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6471, 0.2894, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 163, 167) }
```

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

```
.background{ background-color: rgb(141,  
163, 167) }
```

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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