

Converting Colors

Yxy(34.4556, 0.2966, 0.3234)

Have a look what the booklet for
Yxy(34.4556, 0.2966, 0.3234)
contains.

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Color

Yxy(34.4094, 0.2963, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	93A1A5
RGB	147, 161, 165
RGB Percent	58%, 63%, 65%
CMY	0.4234, 0.3687, 0.3529
CMYK	0.11, 0.02, 0.00, 0.35
HSL	193°, 9%, 61%
HSV	193°, 11%, 65%
XYZ	31.5748, 34.4094, 40.5794
YIQ	157.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

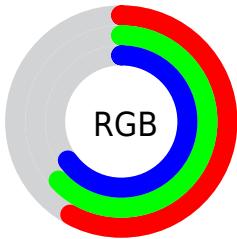
Format	Color
RYB	147, 155, 165
Decimal	9675173
CIELab	65.29, -4.08, -3.78
CIELCh	65, 5.564, 222.783
Yxy	34.4094, 0.2963, 0.3229
Android (android.graphics.Color)	4287865253 (0xFF93A1A5)
YUV	157.2700, 3.8109, -9.0068
Hunter-Lab	58.6595, -6.5725, 0.0461

Details

The Yxy color **34.4094, 0.2963, 0.3229** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2602, 0.3309, 0.3350**, and the grayscale version is **33.8341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6965, 0.2994, 0.3244**, and **14.8309, 0.2909, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **31.7221, 0.2815, 0.3167**, and if you desaturate by 10%, it is **37.3565, 0.3114, 0.3285**.

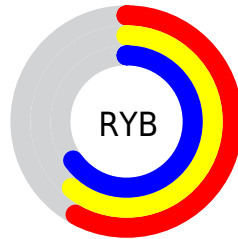
Distribution



Red (58%)

Green (63%)

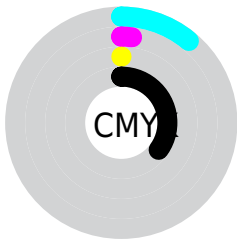
Blue (65%)



Red (58%)

Yellow (61%)

Blue (65%)

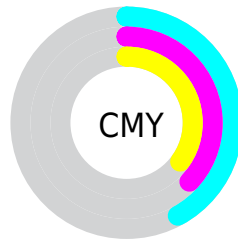


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (42%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4094, 0.2963, 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 34.4094, 0.2963, 0.3229 by changing the saturation by 10% instead.

 34.4094, 0.2963,
0.3229


 34.4094, 0.2963,
0.3229


321.9537, 0.3049,
0.3262

 23.2083, 0.2940,
0.3220


 66.5698, 0.2995,
0.3241

 14.7474, 0.2910,
0.3208


 88.2979, 0.3007,
0.3246

 8.6423, 0.2868,
0.3192


114.3038, 0.3017,
0.3250

 4.5086, 0.2807,
0.3166

144.9718, 0.3025,
0.3253

 1.9619, 0.2708,
0.3124

180.6865, 0.3032,
0.3255

 0.5852, 0.2349,
0.3012

221.8321, 0.3039,

 0.0000, 0.0000,

0.3258

0.0000

268.7930, 0.3044,
0.3260

■ 34.4094, 0.2963,
0.3229

■ 34.4094, 0.2963,
0.3229

■ 31.7221, 0.2815,
0.3167

■ 37.3565, 0.3114,
0.3285

■ 29.2807, 0.2672,
0.3101

■ 40.5680, 0.3264,
0.3336

■ 27.0764, 0.2537,
0.3029

■ 44.0540, 0.3413,
0.3382

■ 25.0980, 0.2413,
0.2954

■ 47.8227, 0.3558,
0.3422

■ 23.3335, 0.2304,
0.2875

■ 51.8818, 0.3698,
0.3457

■ 21.7695, 0.2211,
0.2795

■ 56.2387, 0.3832,
0.3488

■ 20.3909, 0.2137,
0.2714

■ 59.4411, 0.3896,
0.3521

■ 19.1796, 0.2082,
0.2633

■ 61.0248, 0.3882,
0.3559

■ 18.1854, 0.2044,
0.2559

■ 62.6490, 0.3868,
0.3597

Harmonies

Analogous

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



34.4094, 0.2999, 0.3306



34.4094, 0.2963, 0.3229



34.4094, 0.2971, 0.3170

Triad

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



34.4094, 0.2963, 0.3229



34.4094, 0.3185, 0.3203



34.4094, 0.3234, 0.3439

Complementary

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



34.4094, 0.2963, 0.3229



32.2602, 0.3309, 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.



34.4094, 0.3286, 0.3409



34.4094, 0.2963, 0.3229



34.4094, 0.3257, 0.3273

Square

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



34.4094, 0.2963, 0.3229



34.4094, 0.3098, 0.3156



34.4094, 0.3294, 0.3348



34.4094, 0.3155, 0.3429

Rectangle

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



34.4094, 0.2963, 0.3229



34.4094, 0.2999, 0.3148



34.4094, 0.3294, 0.3348



34.4094, 0.3256, 0.3433

Sweetspot

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



34.4108, 0.2963, 0.3229



65.7119, 0.3081, 0.3274



35.3531, 0.3081, 0.3505



14.2737, 0.3069, 0.3269



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.



34.4108, 0.2963, 0.3229



60.4477, 0.2928, 0.3215



31.4229, 0.2961, 0.3093



7.7413, 0.2988, 0.3239



13.8321, 0.2047, 0.2567



0.3535, 0.2127, 0.2858

Inverse Universe

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



31.4532, 0.3178, 0.3086



54.1462, 0.3190, 0.3041



35.2218, 0.3294, 0.3479



7.1749, 0.3170, 0.3117



7.2405, 0.3856, 0.1898



0.1585, 0.3581, 0.1747

Previews

White Background



This preview shows how the Yxy color 34.4094, 0.2963, 0.3229 looks on a white background.

Color Contrast Check

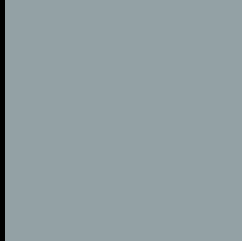
Large Text (above 18pt) WCAG AA × Fail

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 34.4094, 0.2963, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

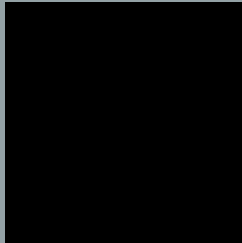
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

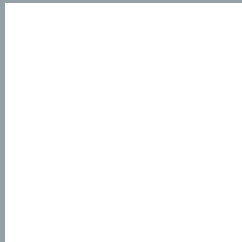
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4094, 0.2963, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 34.4094, 0.2963, 0.3229.



This preview shows how white text looks on a background with the Yxy color 34.4094, 0.2963, 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

34.4094, 0.2963, 0.3229

Protanopia

34.2319, 0.3102, 0.3202

Deuteranopia

34.4473, 0.3165, 0.3106



Tritanopia

34.4546, 0.2905, 0.3097

Trichromacy



Original Color

34.4094, 0.2963, 0.3229

Protanomaly

34.1026, 0.3045, 0.3201

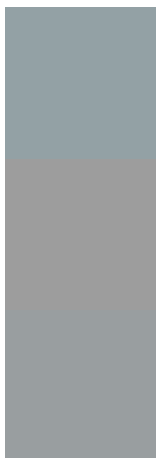
Deuteranomaly

34.5485, 0.3095, 0.3159

Tritanomaly

34.3398, 0.2930, 0.3140

Monochromacy



Original Color

34.4094, 0.2963, 0.3229

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.7641, 0.3061, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4094, 0.2963, 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(147, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(147, 161, 165)  
}
```

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(147, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 161, 165) }
```

Border

The CSS property to change the border of an element to Yxy 34.4094, 0.2963, 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(147, 161, 165) }
```

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

```
.border{ border-color:rgb(147, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(147, 161,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4094, 0.2963, 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(147, 161, 165) }
```

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

```
.background{ background-color: rgb(147,  
161, 165) }
```

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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