

Converting Colors

Yxy(35.9841, 0.2996, 0.3179)

Have a look what the booklet for
Yxy(35.9841, 0.2996, 0.3179)
contains.

Yxy(36.0652, 0.2994, 0.3188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.0652, 0.2994, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	9BA3AA
RGB	155, 163, 170
RGB Percent	61%, 64%, 67%
CMY	0.3921, 0.3608, 0.3334
CMYK	0.09, 0.04, 0.00, 0.33
HSL	208°, 8%, 64%
HSV	208°, 9%, 67%
XYZ	33.8705, 36.0652, 43.1923
YIQ	161.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

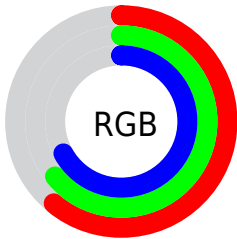
Format	Color
R _Y B	155, 160, 170
Decimal	10199978
CIE Lab	66.57, -1.42, -4.59
CIE LCh	67, 4.806, 252.826
Yxy	36.0652, 0.2994, 0.3188
Android (android.graphics.Color)	4288390058 (0xFF9BA3AA)
YUV	161.4060, 4.2368, -5.6181
Hunter-Lab	60.0543, -4.4214, -0.6045

Details

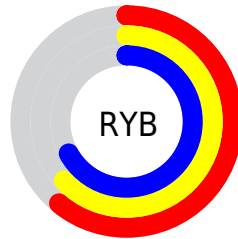
The Yxy color **36.0652, 0.2994, 0.3188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7464, 0.3266, 0.3390**, and the grayscale version is **35.8228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1344, 0.3018, 0.3212**, and **15.6199, 0.2952, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **31.7757, 0.2838, 0.3060**, and if you desaturate by 10%, it is **40.7707, 0.3145, 0.3303**.

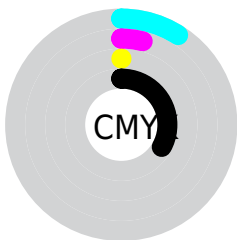
Distribution



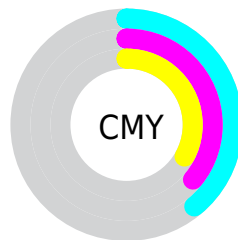
- Red (61%)
- Green (64%)
- Blue (67%)



- Red (61%)
- Yellow (63%)
- Blue (67%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0652, 0.2994, 0.3188 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 36.0652, 0.2994, 0.3188 by changing the saturation by 10% instead.

■ 36.0652, 0.2994,
0.3188

■ 36.0652, 0.2994,
0.3188

■ 329.2454, 0.3063,
0.3241

■ 24.4846, 0.2976,
0.3174

■ 69.1327, 0.3020,
0.3208

■ 15.6935, 0.2952,
0.3155

■ 91.3883, 0.3029,
0.3215

■ 9.3075, 0.2919,
0.3129

■ 117.9711, 0.3037,
0.3221

■ 4.9423, 0.2871,
0.3091

■ 149.2653, 0.3044,
0.3227

■ 2.2134, 0.2794,
0.3030

■ 185.6555, 0.3050,
0.3231

■ 0.7273, 0.2622,
0.2904

■ 227.5260, 0.3055,

■ 0.0000, 0.0000,

0.3235

0.0000

275.2612, 0.3059,
0.3238

■ 36.0652, 0.2994,
0.3188

■ 36.0652, 0.2994,
0.3188

■ 31.7757, 0.2838,
0.3060

■ 40.7707, 0.3145,
0.3303

■ 27.8846, 0.2680,
0.2919

■ 45.9001, 0.3289,
0.3406

■ 24.3797, 0.2522,
0.2765

■ 51.4666, 0.3426,
0.3497

■ 21.2461, 0.2368,
0.2601

■ 57.4816, 0.3555,
0.3577

■ 18.4681, 0.2223,
0.2428

■ 63.9558, 0.3675,
0.3647

■ 16.0282, 0.2092,
0.2249

■ 70.5184, 0.3771,
0.3711

■ 13.9073, 0.1979,
0.2069

■ 74.5406, 0.3745,
0.3789

■ 12.0831, 0.1887,
0.1893

■ 78.7594, 0.3719,
0.3865

■ 10.5178, 0.1815,
0.1723

■ 83.1774, 0.3694,
0.3939

Harmonies

Analogous

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



36.0652, 0.2987, 0.3238



36.0652, 0.2994, 0.3188



36.0652, 0.3036, 0.3166

Triad

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



36.0652, 0.2994, 0.3188



36.0652, 0.3238, 0.3275



36.0652, 0.3151, 0.3408

Complementary

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



36.0652, 0.2994, 0.3188



36.7464, 0.3266, 0.3390

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.



36.0652, 0.3218, 0.3417



36.0652, 0.2994, 0.3188



36.0652, 0.3269, 0.3339

Square

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



36.0652, 0.2994, 0.3188



36.0652, 0.3177, 0.3216



36.0652, 0.3262, 0.3391



36.0652, 0.3077, 0.3366

Rectangle

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



36.0652, 0.2994, 0.3188



36.0652, 0.3079, 0.3169



36.0652, 0.3262, 0.3391



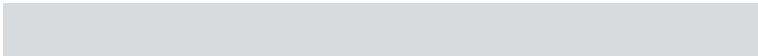
36.0652, 0.3175, 0.3415

Sweetspot

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



36.0667, 0.2994, 0.3188



70.2741, 0.3081, 0.3256



38.3091, 0.3061, 0.3410



15.5197, 0.3069, 0.3247



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.



36.0667, 0.2994, 0.3188



63.5253, 0.2957, 0.3158



33.5696, 0.2994, 0.3081



7.9389, 0.2987, 0.3182



7.7224, 0.1811, 0.1720



0.2888, 0.1970, 0.2291

Inverse Universe

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



34.6358, 0.3201, 0.3176



60.3184, 0.3224, 0.3144



39.3699, 0.3256, 0.3491



7.6068, 0.3206, 0.3170



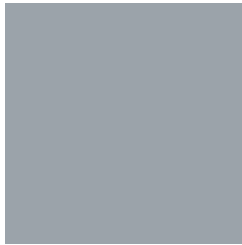
6.8506, 0.4782, 0.2408



0.1769, 0.4135, 0.2052

Previews

White Background



This preview shows how the Yxy color 36.0652, 0.2994, 0.3188 looks on a white background.

Color Contrast Check

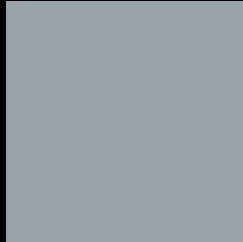
Large Text (above 18pt) WCAG AA × Fail

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 36.0652, 0.2994, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

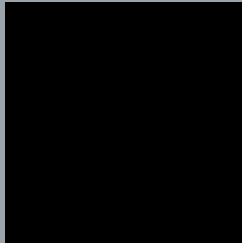
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

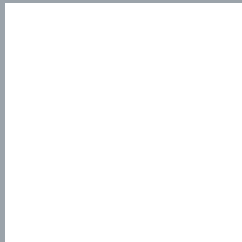
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0652, 0.2994, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 36.0652, 0.2994, 0.3188.



This preview shows how white text looks on a background with the Yxy color 36.0652, 0.2994, 0.3188.

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

36.0652, 0.2994, 0.3188

Protanopia

36.1408, 0.3076, 0.3175

Deuteranopia

35.9385, 0.3156, 0.3095



Tritanopia

36.0037, 0.2961, 0.3102

Trichromacy



Original Color

36.0652, 0.2994, 0.3188

Protanomaly

36.1788, 0.3048, 0.3189

Deuteranomaly

35.8435, 0.3088, 0.3120

Tritanomaly

35.9257, 0.2978, 0.3130

Monochromacy



Original Color

36.0652, 0.2994, 0.3188

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.8919, 0.3082, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0652, 0.2994, 0.3188 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(155, 163, 170)` looks like.

```
.text, #text, p{  
    color:rgb(155, 163, 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(155, 163, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 163, 170) }
```

Border

The CSS property to change the border of an element to Yxy 36.0652, 0.2994, 0.3188 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(155, 163, 170) }
```

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

```
.border{ border-color:rgb(155, 163, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 163, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 163, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 163, 170); box-shadow:4px 4px 4px 4px rgb(155, 163, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0652, 0.2994, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 163, 170) }
```

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

```
.background{ background-color: rgb(155,  
163, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor