

Converting Colors

$Y_{xy}(35.1948, 0.2898, 0.3331)$

Have a look what the booklet for
Yxy(35.1948, 0.2898, 0.3331)
contains.

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Color

Yxy(35.3201, 0.2902, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	8AA6A3
RGB	138, 166, 163
RGB Percent	54%, 65%, 64%
CMY	0.4587, 0.3490, 0.3607
CMYK	0.17, 0.00, 0.02, 0.35
HSL	174°, 14%, 60%
HSV	174°, 17%, 65%
XYZ	30.7343, 35.3201, 39.8529
YIQ	157.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

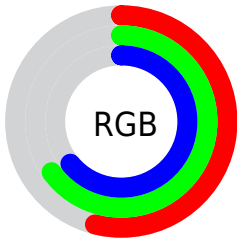
Format	Color
RYB	138, 153, 166
Decimal	9086627
CIELab	66.00, -10.25, -1.69
CIElCh	66, 10.387, 189.362
Yxy	35.3201, 0.2902, 0.3335
Android (android.graphics.Color)	4287276707 (0xFF8AA6A3)
YUV	157.2860, 2.8170, -16.9138
Hunter-Lab	59.4307, -11.6933, 1.8429

Details

The Yxy color **35.3201, 0.2902, 0.3335** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2196, 0.3408, 0.3246**, and the grayscale version is **33.8491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9813, 0.2946, 0.3324**, and **15.2570, 0.2839, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **33.9487, 0.2779, 0.3365**, and if you desaturate by 10%, it is **36.9118, 0.3034, 0.3307**.

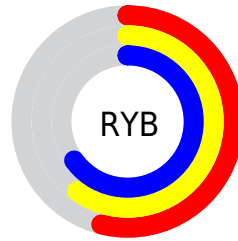
Distribution



Red (54%)

Green (65%)

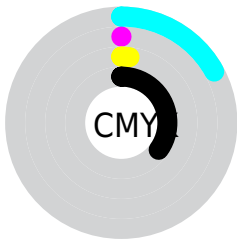
Blue (64%)



Red (54%)

Yellow (60%)

Blue (65%)

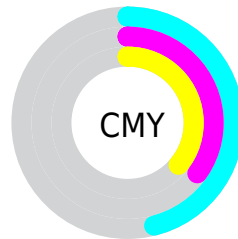


Cyan (17%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (46%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3201, 0.2902, 0.3335 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 35.3201, 0.2902, 0.3335 by changing the saturation by 10% instead.

 35.3201, 0.2902,
0.3335


 35.3201, 0.2902,
0.3335


325.9790, 0.3019,
0.3312


 23.9096, 0.2871,
0.3341


 67.9814, 0.2946,
0.3327

 15.2665, 0.2830,
0.3348

 90.0009, 0.2962,
0.3324

 9.0067, 0.2774,
0.3359


 116.3255, 0.2975,
0.3321

 4.7455, 0.2692,
0.3373

147.3396, 0.2987,
0.3319

 2.0987, 0.2559,
0.3395

183.4276, 0.2997,
0.3317

 0.6639, 0.2020,
0.3521

224.9739, 0.3005,

 0.0000, 0.0000,

0.3315

0.0000

272.3629, 0.3013,
0.3314

■ 35.3201, 0.2902,
0.3335

■ 35.3201, 0.2902,
0.3335

■ 33.9487, 0.2779,
0.3365

■ 36.9118, 0.3034,
0.3307

■ 32.7833, 0.2667,
0.3397

■ 38.7285, 0.3171,
0.3282

■ 31.8148, 0.2569,
0.3430

■ 40.7803, 0.3312,
0.3260

■ 31.0319, 0.2488,
0.3466

■ 43.0754, 0.3454,
0.3240

■ 30.4218, 0.2424,
0.3501

■ 45.6216, 0.3594,
0.3222

■ 29.9702, 0.2379,
0.3538

■ 48.4263, 0.3733,
0.3206

■ 29.6606, 0.2352,
0.3574

■ 51.4968, 0.3867,
0.3193

■ 29.4688, 0.2341,
0.3610

■ 51.7111, 0.3857,
0.3174

■ 29.4171, 0.2339,
0.3621

■ 51.7822, 0.3840,
0.3156

Harmonies

Analogous

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



35.3201, 0.3035, 0.3471



35.3201, 0.2902, 0.3335



35.3201, 0.2829, 0.3189

Triad

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



35.3201, 0.2902, 0.3335



35.3201, 0.3054, 0.3040



35.3201, 0.3428, 0.3497

Complementary

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



35.3201, 0.2902, 0.3335



28.2196, 0.3408, 0.3246

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.



35.3201, 0.3435, 0.3378



35.3201, 0.2902, 0.3335



35.3201, 0.3215, 0.3118

Square

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



35.3201, 0.2902, 0.3335



35.3201, 0.2915, 0.3024



35.3201, 0.3356, 0.3241



35.3201, 0.3339, 0.3564

Rectangle

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



35.3201, 0.2902, 0.3335



35.3201, 0.2824, 0.3108



35.3201, 0.3356, 0.3241



35.3201, 0.3440, 0.3461

Sweetspot

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



35.3216, 0.2902, 0.3335



67.5431, 0.3057, 0.3303



34.7955, 0.3137, 0.3730



15.0673, 0.3048, 0.3305



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.



35.3216, 0.2902, 0.3335



63.1867, 0.2857, 0.3345



31.6956, 0.2871, 0.3123



8.5181, 0.3001, 0.3314



22.8178, 0.2338, 0.3618



0.5590, 0.2305, 0.3499

Inverse Universe

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



28.2196, 0.3408, 0.3246



47.9695, 0.3481, 0.3236



31.3607, 0.3414, 0.3451



7.5548, 0.3269, 0.3266



6.3233, 0.6248, 0.3216



0.1577, 0.5684, 0.2905

Previews

White Background



This preview shows how the Yxy color 35.3201, 0.2902, 0.3335 looks on a white background.

Color Contrast Check

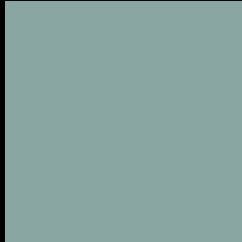
Large Text (above 18pt) WCAG AA × Fail

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 35.3201, 0.2902, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

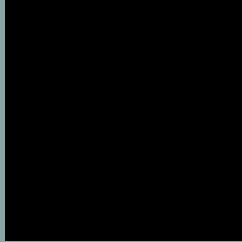
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

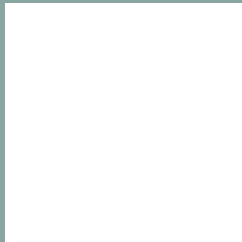
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3201, 0.2902, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 35.3201, 0.2902, 0.3335.

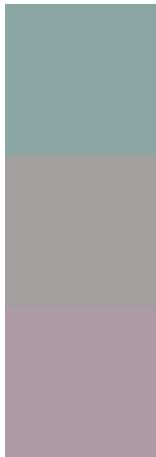


This preview shows how white text looks on a background with the Yxy color 35.3201, 0.2902, 0.3335.

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

35.3201, 0.2902, 0.3335

Protanopia

35.0860, 0.3166, 0.3290

Deuteranopia

35.0435, 0.3213, 0.3149



Tritanopia

35.3880, 0.2816, 0.3096

Trichromacy



Original Color

35.3201, 0.2902, 0.3335

Protanomaly

35.2488, 0.3069, 0.3320

Deuteranomaly

34.9502, 0.3092, 0.3217

Tritanomaly

35.4643, 0.2848, 0.3184

Monochromacy



Original Color

35.3201, 0.2902, 0.3335

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1288, 0.3041, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3201, 0.2902, 0.3335 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(138, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(138, 166, 163)  
}
```

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(138, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 166, 163) }
```

Border

The CSS property to change the border of an element to Yxy 35.3201, 0.2902, 0.3335 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(138, 166, 163) }
```

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

```
.border{ border-color:rgb(138, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(138, 166,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3201, 0.2902, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 166, 163) }
```

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

```
.background{ background-color: rgb(138,  
166, 163) }
```

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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