

Converting Colors

$Y_{xy}(33.8235, 0.2901, 0.3215)$

Have a look what the booklet for
Yxy(33.8235, 0.2901, 0.3215)
contains.

Yxy(33.9056, 0.2901, 0.3213)	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(33.9056, 0.2901, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	8DA1A6
RGB	141, 161, 166
RGB Percent	55%, 63%, 65%
CMY	0.4470, 0.3686, 0.3490
CMYK	0.15, 0.03, 0.00, 0.35
HSL	192°, 12%, 60%
HSV	192°, 15%, 65%
XYZ	30.6132, 33.9056, 41.0075
YIQ	155.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

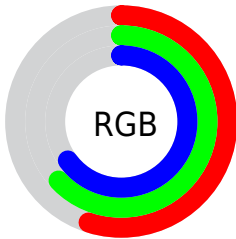
Format	Color
RYB	141, 152, 166
Decimal	9281958
CIELab	64.89, -5.92, -4.97
CIElCh	65, 7.728, 220.034
Yxy	33.9056, 0.2901, 0.3213
Android (android.graphics.Color)	4287472038 (0xFF8DA1A6)
YUV	155.5900, 5.1321, -12.7954
Hunter-Lab	58.2285, -8.0549, -0.9951

Details

The Yxy color **33.9056, 0.2901, 0.3213** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5908, 0.3390, 0.3366**, and the grayscale version is **33.0361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9343, 0.2947, 0.3232**, and **14.3763, 0.2835, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **31.4138, 0.2755, 0.3156**, and if you desaturate by 10%, it is **36.6492, 0.3051, 0.3265**.

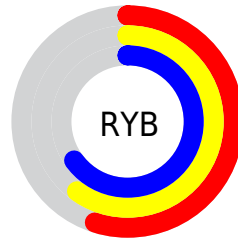
Distribution



Red (55%)

Green (63%)

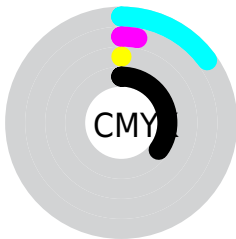
Blue (65%)



Red (55%)

Yellow (60%)

Blue (65%)

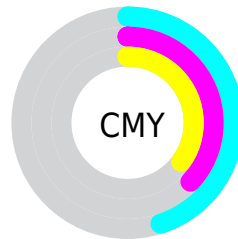


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9056, 0.2901, 0.3213 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 33.9056, 0.2901, 0.3213 by changing the saturation by 10% instead.

■ 33.9056, 0.2901,
0.3213

■ 33.9056, 0.2901,
0.3213

319.7109, 0.3019,
0.3255

■ 22.8211, 0.2870,
0.3202

■ 65.7868, 0.2945,
0.3229

■ 14.4615, 0.2828,
0.3186

■ 87.3524, 0.2962,
0.3235

■ 8.4423, 0.2771,
0.3164

■ 113.1803, 0.2975,
0.3239

■ 4.3793, 0.2686,
0.3131

143.6552, 0.2987,
0.3243

■ 1.8879, 0.2550,
0.3075

179.1613, 0.2997,
0.3247

■ 0.5411, 0.2002,
0.2929

220.0830, 0.3005,

■ 0.0000, 0.0000,

0.3250

0.0000

266.8047, 0.3013,
0.3252

■ 33.9056, 0.2901,
0.3213

■ 33.9056, 0.2901,
0.3213

■ 31.4138, 0.2755,
0.3156

■ 36.6492, 0.3051,
0.3265

■ 29.1596, 0.2617,
0.3095

■ 39.6496, 0.3202,
0.3313

■ 27.1338, 0.2489,
0.3030

■ 42.9171, 0.3353,
0.3356

■ 25.3249, 0.2374,
0.2961

■ 46.4600, 0.3500,
0.3394

■ 23.7201, 0.2274,
0.2891

■ 50.2861, 0.3644,
0.3427

■ 22.3054, 0.2193,
0.2819

■ 54.4033, 0.3783,
0.3457

■ 21.0644, 0.2130,
0.2747

■ 58.3971, 0.3897,
0.3484

■ 19.9769, 0.2086,
0.2676

■ 59.7955, 0.3884,
0.3518

■ 19.4717, 0.2067,
0.2640

■ 61.2265, 0.3872,
0.3553

Harmonies

Analogous

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



33.9056, 0.2955, 0.3322



33.9056, 0.2901, 0.3213



33.9056, 0.2906, 0.3128

Triad

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



33.9056, 0.2901, 0.3213



33.9056, 0.3197, 0.3162



33.9056, 0.3285, 0.3497

Complementary

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



33.9056, 0.2901, 0.3213



30.5908, 0.3390, 0.3366

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.



33.9056, 0.3353, 0.3449



33.9056, 0.2901, 0.3213



33.9056, 0.3301, 0.3256

Square

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



33.9056, 0.2901, 0.3213



33.9056, 0.3075, 0.3101



33.9056, 0.3359, 0.3360



33.9056, 0.3176, 0.3489

Rectangle

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



33.9056, 0.2901, 0.3213



33.9056, 0.2942, 0.3095



33.9056, 0.3359, 0.3360



33.9056, 0.3314, 0.3487

Sweetspot

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



33.9070, 0.2901, 0.3213



66.4943, 0.3050, 0.3265



35.0120, 0.3067, 0.3602



14.8016, 0.3040, 0.3262



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.



33.9070, 0.2901, 0.3213



60.0044, 0.2853, 0.3195



29.7557, 0.2894, 0.3017



8.2733, 0.2987, 0.3244



15.1656, 0.2069, 0.2647



0.4320, 0.2134, 0.2882

Inverse Universe

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



29.7327, 0.3194, 0.2997



51.0496, 0.3210, 0.2931



34.6564, 0.3363, 0.3549



7.6405, 0.3167, 0.3111



7.6020, 0.3779, 0.1855



0.1913, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 33.9056, 0.2901, 0.3213 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 33.9056, 0.2901, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

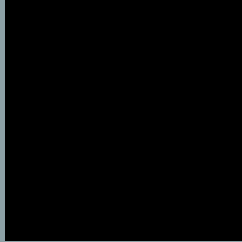
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

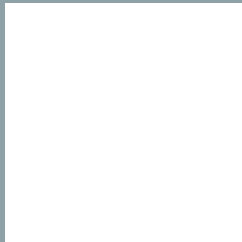
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.9056, 0.2901, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 33.9056, 0.2901, 0.3213.



This preview shows how white text looks on a background with the Yxy color 33.9056, 0.2901, 0.3213.

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

33.9056, 0.2901, 0.3213

Protanopia

33.6904, 0.3083, 0.3187

Deuteranopia

33.9344, 0.3137, 0.3076



Tritanopia

33.9095, 0.2853, 0.3094

Trichromacy



Original Color

33.9056, 0.2901, 0.3213

Protanomaly

33.8095, 0.3017, 0.3200

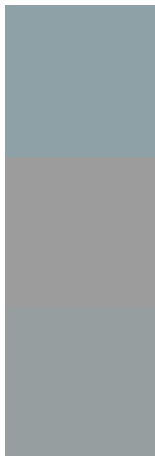
Deuteranomaly

33.8361, 0.3048, 0.3129

Tritanomaly

33.7947, 0.2877, 0.3138

Monochromacy



Original Color

33.9056, 0.2901, 0.3213

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.5711, 0.3042, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9056, 0.2901, 0.3213 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, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(141, 161, 166)  
}
```

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, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 161, 166) }
```

Border

The CSS property to change the border of an element to Yxy 33.9056, 0.2901, 0.3213 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, 161, 166) }
```

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

```
.border{ border-color:rgb(141, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(141, 161,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9056, 0.2901, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 161, 166) }
```

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

```
.background{ background-color: rgb(141,  
161, 166) }
```

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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