

Converting Colors

$Y_{xy}(33.0114, 0.2926, 0.3182)$

Have a look what the booklet for
Yxy(33.0114, 0.2926, 0.3182)
contains.

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Color

Yxy(33.0100, 0.2926, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	8F9EA5
RGB	143, 158, 165
RGB Percent	56%, 62%, 65%
CMY	0.4390, 0.3804, 0.3529
CMYK	0.13, 0.04, 0.00, 0.35
HSL	199°, 11%, 60%
HSV	199°, 13%, 65%
XYZ	30.3543, 33.0100, 40.3755
YIQ	154.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

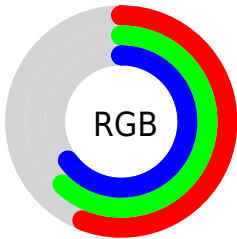
Format	Color
RYB	143, 152, 165
Decimal	9412261
CIELab	64.17, -3.79, -5.46
CIELCh	64, 6.649, 235.262
Yxy	33.0100, 0.2926, 0.3182
Android (android.graphics.Color)	4287602341 (0xFF8F9EA5)
YUV	154.3130, 5.2687, -9.9215
Hunter-Lab	57.4543, -6.2400, -1.4475

Details

The Yxy color **33.0100, 0.2926, 0.3182** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8255, 0.3350, 0.3396**, and the grayscale version is **32.4444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6261, 0.2966, 0.3209**, and **14.0348, 0.2869, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **29.8816, 0.2775, 0.3091**, and if you desaturate by 10%, it is **36.4352, 0.3077, 0.3265**.

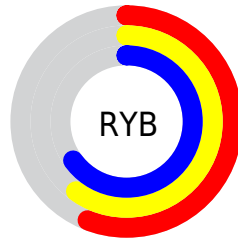
Distribution



Red (56%)

Green (62%)

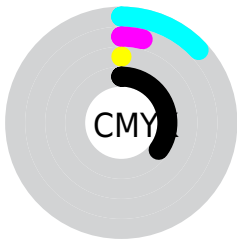
Blue (65%)



Red (56%)

Yellow (60%)

Blue (65%)

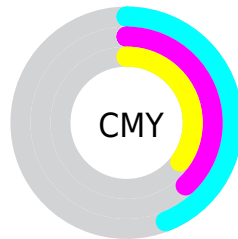


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.0100, 0.2926, 0.3182 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 33.0100, 0.2926, 0.3182 by changing the saturation by 10% instead.

■ 33.0100, 0.2926,
0.3182

■ 33.0100, 0.2926,
0.3182

315.6948, 0.3032,
0.3240

■ 22.1341, 0.2898,
0.3166

■ 64.3911, 0.2966,
0.3204

■ 13.9555, 0.2860,
0.3145

■ 85.6652, 0.2980,
0.3212

■ 8.0897, 0.2808,
0.3115

111.1741, 0.2992,
0.3219

■ 4.1524, 0.2731,
0.3070

141.3022, 0.3003,
0.3224

■ 1.7592, 0.2605,
0.2995

176.4339, 0.3012,
0.3229

■ 0.4615, 0.2046,
0.2727

216.9536, 0.3019,

■ 0.0000, 0.0000,

0.3233

0.0000

263.2458, 0.3026,
0.3237

■ 33.0100, 0.2926,
0.3182

■ 33.0100, 0.2926,
0.3182

■ 29.8816, 0.2775,
0.3091

■ 36.4352, 0.3077,
0.3265

■ 27.0356, 0.2627,
0.2993

■ 40.1629, 0.3227,
0.3339

■ 24.4622, 0.2485,
0.2887

■ 44.2038, 0.3372,
0.3405

■ 22.1495, 0.2353,
0.2775

■ 48.5667, 0.3513,
0.3464

■ 20.0845, 0.2235,
0.2658

■ 53.2601, 0.3647,
0.3516

■ 18.2525, 0.2132,
0.2538

■ 58.2919, 0.3774,
0.3562

■ 16.6373, 0.2049,
0.2418

■ 62.9872, 0.3865,
0.3605

■ 15.2193, 0.1985,
0.2298

■ 65.3952, 0.3846,
0.3659

■ 14.3506, 0.1950,
0.2219

■ 67.8876, 0.3827,
0.3712

Harmonies

Analogous

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



33.0100, 0.2948, 0.3269



33.0100, 0.2926, 0.3182



33.0100, 0.2957, 0.3126

Triad

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



33.0100, 0.2926, 0.3182



33.0100, 0.3237, 0.3217



33.0100, 0.3220, 0.3472

Complementary

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



33.0100, 0.2926, 0.3182



31.8255, 0.3350, 0.3396

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.



33.0100, 0.3299, 0.3455



33.0100, 0.2926, 0.3182



33.0100, 0.3310, 0.3307

Square

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



33.0100, 0.2926, 0.3182



33.0100, 0.3136, 0.3148



33.0100, 0.3333, 0.3393



33.0100, 0.3116, 0.3439

Rectangle

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



33.0100, 0.2926, 0.3182



33.0100, 0.3004, 0.3113



33.0100, 0.3333, 0.3393



33.0100, 0.3250, 0.3472

Sweetspot

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



33.0114, 0.2926, 0.3182



64.7509, 0.3066, 0.3259



34.9627, 0.3052, 0.3522



14.0556, 0.3055, 0.3253



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.



33.0114, 0.2926, 0.3182



57.3813, 0.2881, 0.3156



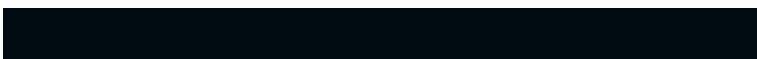
29.4551, 0.2922, 0.3011



7.6271, 0.2987, 0.3216



10.9472, 0.1953, 0.2231



0.3095, 0.2072, 0.2660

Inverse Universe

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



30.1312, 0.3212, 0.3070



51.2626, 0.3233, 0.3019



35.4718, 0.3329, 0.3554



7.1634, 0.3184, 0.3138



6.9492, 0.4199, 0.2087



0.1540, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 33.0100, 0.2926, 0.3182 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 33.0100, 0.2926, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

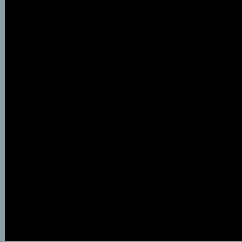
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

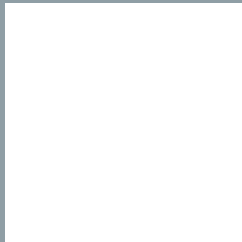
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.0100, 0.2926, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 33.0100, 0.2926, 0.3182.



This preview shows how white text looks on a background with the Yxy color 33.0100, 0.2926, 0.3182.

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

33.0100, 0.2926, 0.3182

Protanopia

32.8235, 0.3065, 0.3156

Deuteranopia

32.8857, 0.3127, 0.3073



Tritanopia

32.9455, 0.2893, 0.3093

Trichromacy



Original Color

33.0100, 0.2926, 0.3182

Protanomaly

32.7023, 0.3008, 0.3154

Deuteranomaly

33.0325, 0.3048, 0.3113

Tritanomaly

32.8704, 0.2909, 0.3122

Monochromacy



Original Color

33.0100, 0.2926, 0.3182

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.3953, 0.3051, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0100, 0.2926, 0.3182 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(143, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 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(143, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 165) }
```

Border

The CSS property to change the border of an element to Yxy 33.0100, 0.2926, 0.3182 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(143, 158, 165) }
```

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

```
.border{ border-color:rgb(143, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0100, 0.2926, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 165) }
```

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

```
.background{ background-color: rgb(143,  
158, 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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