

Converting Colors

$Y_{xy}(26.1188, 0.2991, 0.3201)$

Have a look what the booklet for
Yxy(26.1188, 0.2991, 0.3201)
contains.

Yxy(26.1116, 0.2994, 0.3206)	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(26.1116, 0.2994, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	858D92
RGB	133, 141, 146
RGB Percent	52%, 55%, 57%
CMY	0.4785, 0.4470, 0.4274
CMYK	0.09, 0.03, 0.00, 0.43
HSL	203°, 6%, 55%
HSV	203°, 9%, 57%
XYZ	24.3849, 26.1116, 30.9495
YIQ	139.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

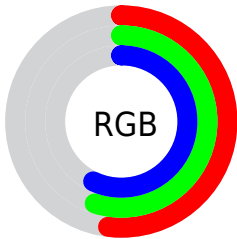
Format	Color
R_{YB}	133, 138, 146
Decimal	8752530
CIE _{Lab}	58.14, -1.87, -3.67
CIE _{LCh}	58, 4.118, 242.976
Yxy	26.1116, 0.2994, 0.3206
Android (android.graphics.Color)	4286942610 (0xFF858D92)
YUV	139.1780, 3.3632, -5.4181
Hunter-Lab	51.0995, -4.2430, -0.1406

Details

The Yxy color **26.1116, 0.2994, 0.3206** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9778, 0.3268, 0.3373**, and the grayscale version is **25.8795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6394, 0.3020, 0.3228**, and **10.1657, 0.2933, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **23.3939, 0.2842, 0.3102**, and if you desaturate by 10%, it is **29.0804, 0.3143, 0.3300**.

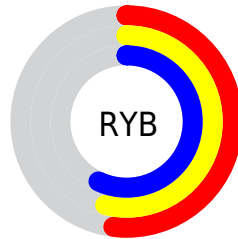
Distribution



Red (52%)

Green (55%)

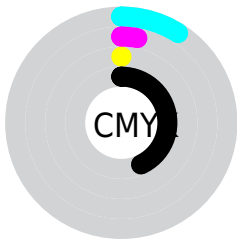
Blue (57%)



Red (52%)

Yellow (54%)

Blue (57%)

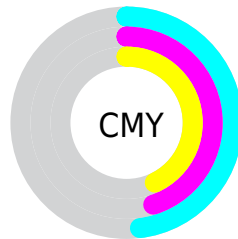


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (43%)



Cyan (48%)

Magenta (45%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1116, 0.2994, 0.3206 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 26.1116, 0.2994, 0.3206 by changing the saturation by 10% instead.

■ 26.1116, 0.2994,
0.3206

■ 26.1116, 0.2994,
0.3206

■ 283.3295, 0.3067,
0.3252

■ 16.9071, 0.2973,
0.3193

■ 53.4549, 0.3022,
0.3224

■ 10.1683, 0.2945,
0.3175

■ 72.3626, 0.3032,
0.3230

■ 5.5107, 0.2905,
0.3148

■ 95.2735, 0.3040,
0.3236

■ 2.5499, 0.2841,
0.3106

■ 122.5719, 0.3047,
0.3240

■ 0.9016, 0.2724,
0.3028

■ 154.6423, 0.3053,
0.3244

■ 0.0000, 0.0000,
0.0000

191.8692, 0.3058,

0.3247

234.6367, 0.3063,
0.3250

■ 26.1116, 0.2994,
0.3206

■ 26.1116, 0.2994,
0.3206

■ 23.3939, 0.2842,
0.3102

■ 29.0804, 0.3143,
0.3300

■ 20.9160, 0.2690,
0.2989

■ 32.3046, 0.3288,
0.3384

■ 18.6706, 0.2541,
0.2866

■ 35.7925, 0.3427,
0.3458

■ 16.6484, 0.2399,
0.2734

■ 39.5510, 0.3560,
0.3524

■ 14.8398, 0.2266,
0.2596

■ 43.5867, 0.3685,
0.3582

■ 13.2339, 0.2147,
0.2453

■ 47.9061, 0.3803,
0.3633

■ 11.8188, 0.2045,
0.2308

■ 52.5151, 0.3914,
0.3678

■ 10.5808, 0.1963,
0.2163

■ 57.4199, 0.4017,
0.3717

■ 9.4903, 0.1898,
0.2021

■ 60.8007, 0.4036,
0.3766

Harmonies

Analogous

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



26.1116, 0.3000, 0.3260



26.1116, 0.2994, 0.3206



26.1116, 0.3024, 0.3175

Triad

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



26.1116, 0.2994, 0.3206



26.1116, 0.3216, 0.3256



26.1116, 0.3172, 0.3409

Complementary

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



26.1116, 0.2994, 0.3206



25.9778, 0.3268, 0.3373

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.



26.1116, 0.3231, 0.3406



26.1116, 0.2994, 0.3206



26.1116, 0.3257, 0.3318

Square

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



26.1116, 0.2994, 0.3206



26.1116, 0.3152, 0.3204



26.1116, 0.3262, 0.3373



26.1116, 0.3102, 0.3379

Rectangle

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



26.1116, 0.2994, 0.3206



26.1116, 0.3060, 0.3171



26.1116, 0.3262, 0.3373



26.1116, 0.3194, 0.3412

Sweetspot

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



26.1127, 0.2994, 0.3206



49.0731, 0.3082, 0.3262



27.3787, 0.3069, 0.3425



10.8284, 0.3070, 0.3255



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.1127, 0.2994, 0.3206



44.9173, 0.2959, 0.3183



24.2525, 0.2994, 0.3095



6.1919, 0.2989, 0.3203



8.2952, 0.1892, 0.2013



0.1587, 0.2069, 0.2647

Inverse Universe

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



24.8071, 0.3190, 0.3159



42.0898, 0.3208, 0.3124



27.8980, 0.3258, 0.3477



5.8718, 0.3192, 0.3155



6.0308, 0.4439, 0.2219



0.0796, 0.3779, 0.1856

Previews

White Background



This preview shows how the Yxy color 26.1116, 0.2994, 0.3206 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1116, 0.2994, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

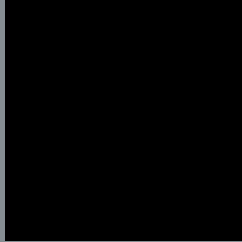
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

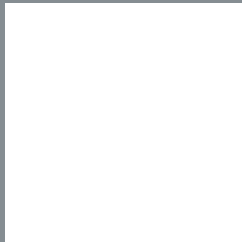
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1116, 0.2994, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 26.1116, 0.2994, 0.3206.



This preview shows how white text looks on a background with the Yxy color 26.1116, 0.2994, 0.3206.

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

26.1116, 0.2994, 0.3206

Protanopia

26.1723, 0.3089, 0.3192

Deuteranopia

25.9186, 0.3169, 0.3099



Tritanopia

26.0589, 0.2957, 0.3108

Trichromacy



Original Color

26.1116, 0.2994, 0.3206

Protanomaly

26.2038, 0.3056, 0.3207

Deuteranomaly

25.9272, 0.3102, 0.3128

Tritanomaly

25.9944, 0.2976, 0.3140

Monochromacy



Original Color

26.1116, 0.2994, 0.3206

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0275, 0.3075, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1116, 0.2994, 0.3206 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(133, 141, 146)` looks like.

```
.text, #text, p{  
    color:rgb(133, 141, 146)  
}
```

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(133, 141, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 141, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.1116, 0.2994, 0.3206 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(133, 141, 146) }
```

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

```
.border{ border-color:rgb(133, 141, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 141, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 141, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 141, 146);  
box-shadow:4px 4px 4px 4px rgb(133, 141,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1116, 0.2994, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 141, 146) }
```

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

```
.background{ background-color: rgb(133,  
141, 146) }
```

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