

Converting Colors

$Y_{xy}(26.1034, 0.3102, 0.3217)$

Have a look what the booklet for
Yxy(26.1034, 0.3102, 0.3217)
contains.

Yxy(26.1111, 0.3109, 0.3224)	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(26.1111, 0.3109, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	8D8B8F
RGB	141, 139, 143
RGB Percent	55%, 55%, 56%
CMY	0.4469, 0.4549, 0.4392
CMYK	0.01, 0.03, 0.00, 0.44
HSL	271°, 2%, 55%
HSV	271°, 3%, 56%
XYZ	25.1797, 26.1111, 29.6989
YIQ	140.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

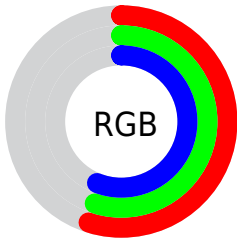
Format	Color
R_{YB}	141, 139, 143
Decimal	9276303
CIE Lab	58.14, 1.55, -1.87
CIE LCh	58, 2.429, 309.529
Yxy	26.1111, 0.3109, 0.3224
Android (android.graphics.Color)	4287466383 (0xFF8D8B8F)
YUV	140.0540, 1.4524, 0.8296
Hunter-Lab	51.0990, -1.4651, 1.3097

Details

The Yxy color **26.1111, 0.3109, 0.3224** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1673, 0.3145, 0.3356**, and the grayscale version is **26.2442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3326, 0.3114, 0.3229**, and **10.1592, 0.3100, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **21.6443, 0.3037, 0.2976**, and if you desaturate by 10%, it is **31.1606, 0.3170, 0.3452**.

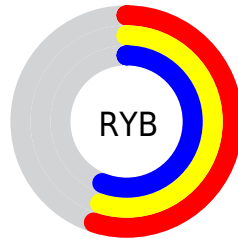
Distribution



Red (55%)

Green (55%)

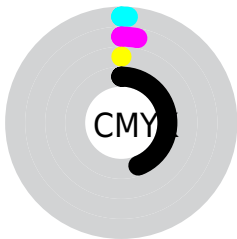
Blue (56%)



Red (55%)

Yellow (55%)

Blue (56%)

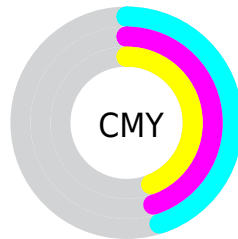


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (45%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1111, 0.3109, 0.3224 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 26.1111, 0.3109, 0.3224 by changing the saturation by 10% instead.


 26.1111, 0.3109,
0.3224


 26.1111, 0.3109,
0.3224


283.3270, 0.3119,
0.3260

 16.9068, 0.3106,
0.3214


 53.4541, 0.3113,
0.3238

 10.1680, 0.3102,
0.3200


 72.3616, 0.3114,
0.3243

 5.5105, 0.3096,
0.3180

 95.2723, 0.3115,
0.3247

 2.5498, 0.3087,
0.3148

122.5705, 0.3116,
0.3251

 0.9015, 0.3070,
0.3090

154.6407, 0.3117,
0.3253

 0.0000, 0.0000,
0.0000

191.8673, 0.3118,

0.3256

234.6346, 0.3119,
0.3258

■ 26.1111, 0.3109,
0.3224

■ 26.1111, 0.3109,
0.3224

■ 21.6443, 0.3037,
0.2976

■ 31.1606, 0.3170,
0.3452

■ 17.7352, 0.2954,
0.2709

■ 36.8099, 0.3222,
0.3659

■ 14.3621, 0.2858,
0.2429

■ 43.0795, 0.3265,
0.3846

■ 11.5004, 0.2751,
0.2141

■ 49.9878, 0.3300,
0.4013

■ 9.1236, 0.2635,
0.1857

■ 57.5528, 0.3330,
0.4163

7.2026, 0.2511,
0.1588

65.7913, 0.3354,
0.4296

5.7054, 0.2384,
0.1347

74.7198, 0.3374,
0.4416

4.5952, 0.2260,
0.1148

84.3542, 0.3390,
0.4522

3.8289, 0.2143,
0.0999

86.3427, 0.3433,
0.4517

Harmonies

Analogous

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



26.1111, 0.3072, 0.3220



26.1111, 0.3109, 0.3224



26.1111, 0.3151, 0.3245

Triad

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



26.1111, 0.3109, 0.3224



26.1111, 0.3204, 0.3345



26.1111, 0.3068, 0.3302

Complementary

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



26.1111, 0.3109, 0.3224



27.1673, 0.3145, 0.3356

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.



26.1111, 0.3104, 0.3336



26.1111, 0.3109, 0.3224



26.1111, 0.3182, 0.3361

Square

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



26.1111, 0.3109, 0.3224



26.1111, 0.3206, 0.3314



26.1111, 0.3145, 0.3358



26.1111, 0.3049, 0.3265

Rectangle

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



26.1111, 0.3109, 0.3224



26.1111, 0.3176, 0.3266



26.1111, 0.3145, 0.3358



26.1111, 0.3079, 0.3314

Sweetspot

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



26.1122, 0.3109, 0.3224



48.2966, 0.3121, 0.3266



26.5200, 0.3086, 0.3257



11.0885, 0.3121, 0.3268



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.



26.1122, 0.3109, 0.3224



46.5414, 0.3107, 0.3218



26.2857, 0.3130, 0.3225



5.9626, 0.3103, 0.3203



3.0193, 0.2069, 0.0913



0.0420, 0.2552, 0.1180

Inverse Universe

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



26.2243, 0.3151, 0.3258



46.7605, 0.3153, 0.3255



26.9970, 0.3124, 0.3356



5.9966, 0.3159, 0.3248



5.5583, 0.4950, 0.2500



0.0576, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 26.1111, 0.3109, 0.3224 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 26.1111, 0.3109, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

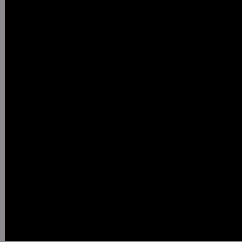
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

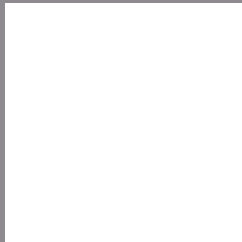
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1111, 0.3109, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 26.1111, 0.3109, 0.3224.



This preview shows how white text looks on a background with the Yxy color 26.1111, 0.3109, 0.3224.

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

26.1111, 0.3109, 0.3224

Protanopia

26.1111, 0.3109, 0.3224

Deuteranopia

25.9209, 0.3212, 0.3147



Tritanopia

26.0977, 0.3060, 0.3111

Trichromacy



Original Color

26.1111, 0.3109, 0.3224

Protanomaly

26.1111, 0.3109, 0.3224

Deuteranomaly

25.8250, 0.3166, 0.3161

Tritanomaly

26.0343, 0.3080, 0.3143

Monochromacy



Original Color

26.1111, 0.3109, 0.3224

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2547, 0.3117, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1111, 0.3109, 0.3224 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, 139, 143)` looks like.

```
.text, #text, p{  
    color:rgb(141, 139, 143)  
}
```

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, 139, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 139, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.1111, 0.3109, 0.3224 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, 139, 143) }
```

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

```
.border{ border-color:rgb(141, 139, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 139, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 139, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 139, 143);  
box-shadow:4px 4px 4px 4px rgb(141, 139,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1111, 0.3109, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 139, 143) }
```

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

```
.background{ background-color: rgb(141,  
139, 143) }
```

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