

Converting Colors

$Y_{xy}(26.1821, 0.3182, 0.3441)$

Have a look what the booklet for
Yxy(26.1821, 0.3182, 0.3441)
contains.

Yxy(26.1190, 0.3185, 0.3442)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1190, 0.3185, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	8A8D84
RGB	138, 141, 132
RGB Percent	54%, 55%, 52%
CMY	0.4589, 0.4470, 0.4824
CMYK	0.02, 0.00, 0.06, 0.45
HSL	80°, 4%, 54%
HSV	80°, 6%, 55%
XYZ	24.1688, 26.1190, 25.5954
YIQ	139.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

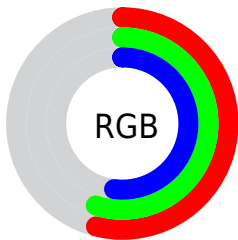
Format	Color
R_{YB}	132, 141, 135
Decimal	9080196
CIE Lab	58.15, -2.84, 4.41
CIE LCh	58, 5.248, 122.795
Yxy	26.1190, 0.3185, 0.3442
Android (android.graphics.Color)	4287270276 (0xFF8A8D84)
YUV	139.0770, -3.4890, -0.9445
Hunter-Lab	51.1068, -5.0227, 6.0810

Details

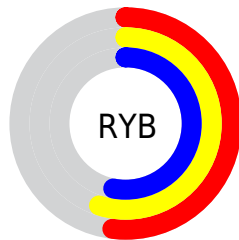
The Yxy color **26.1190, 0.3185, 0.3442** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5771, 0.3067, 0.3137**, and the grayscale version is **25.8629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6094, 0.3169, 0.3415**, and **10.1814, 0.3198, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **25.3652, 0.3276, 0.3693**, and if you desaturate by 10%, it is **26.9448, 0.3095, 0.3207**.

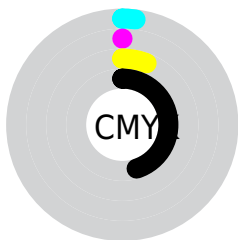
Distribution



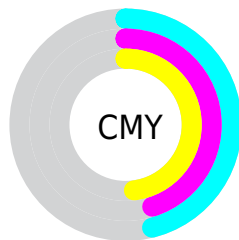
- Red (54%)
- Green (55%)
- Blue (52%)



- Red (52%)
- Yellow (55%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1190, 0.3185, 0.3442 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 26.1190, 0.3185, 0.3442 by changing the saturation by 10% instead.

■ 26.1190, 0.3185,
0.3442

■ 26.1190, 0.3185,
0.3442

■ 283.3658, 0.3154,
0.3358

■ 16.9127, 0.3194,
0.3466

■ 53.4669, 0.3173,
0.3409

■ 10.1723, 0.3206,
0.3499

■ 72.3772, 0.3169,
0.3398

■ 5.5133, 0.3223,
0.3548

■ 95.2910, 0.3165,
0.3388

■ 2.5515, 0.3250,
0.3625

■ 122.5927, 0.3162,
0.3380

■ 0.9023, 0.3333,
0.3816

■ 154.6666, 0.3159,
0.3374

■ 0.0000, 0.0000,
0.0000

191.8971, 0.3157,

0.3368

234.6687, 0.3155,
0.3363

■ 26.1190, 0.3185,
0.3442

■ 26.1190, 0.3185,
0.3442

■ 25.3652, 0.3276,
0.3693

■ 26.9448, 0.3095,
0.3207

■ 24.6777, 0.3366,
0.3957

■ 27.8414, 0.3008,
0.2991

■ 24.0552, 0.3451,
0.4227

■ 28.8121, 0.2925,
0.2793

■ 23.4952, 0.3528,
0.4496

■ 29.8587, 0.2848,
0.2614

■ 22.9947, 0.3590,
0.4754

■ 30.9832, 0.2775,
0.2452

■ 22.5507, 0.3635,
0.4989

■ 32.1874, 0.2708,
0.2306

■ 22.1597, 0.3658,
0.5191

■ 33.4731, 0.2646,
0.2175

■ 21.8179, 0.3658,
0.5349

■ 34.8420, 0.2589,
0.2058

■ 21.5189, 0.3636,
0.5464

■ 36.0417, 0.2561,
0.1984

Harmonies

Analogous

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



26.1190, 0.3260, 0.3438



26.1190, 0.3185, 0.3442



26.1190, 0.3095, 0.3404

Triad

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



26.1190, 0.3185, 0.3442



26.1190, 0.2958, 0.3183



26.1190, 0.3240, 0.3246

Complementary

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



26.1190, 0.3185, 0.3442



23.5771, 0.3067, 0.3137

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.



26.1190, 0.3158, 0.3181



26.1190, 0.3185, 0.3442



26.1190, 0.2995, 0.3144

Square

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



26.1190, 0.3185, 0.3442



26.1190, 0.2965, 0.3252



26.1190, 0.3068, 0.3143



26.1190, 0.3292, 0.3324

Rectangle

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



26.1190, 0.3185, 0.3442



26.1190, 0.3039, 0.3359



26.1190, 0.3068, 0.3143



26.1190, 0.3215, 0.3222

Sweetspot

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



26.1201, 0.3185, 0.3442



47.3974, 0.3146, 0.3338



24.6572, 0.3227, 0.3341



10.5908, 0.3144, 0.3335



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



26.1201, 0.3185, 0.3442



46.5212, 0.3201, 0.3486



25.7452, 0.3136, 0.3444



6.1961, 0.3211, 0.3511



19.5345, 0.3628, 0.5501



0.1989, 0.3899, 0.5286

Inverse Universe

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



23.5771, 0.3067, 0.3137



40.7672, 0.3049, 0.3092



23.9573, 0.3117, 0.3139



5.3374, 0.3039, 0.3066



2.3189, 0.1772, 0.0750



0.0333, 0.2246, 0.1011

Previews

White Background



This preview shows how the Yxy color 26.1190, 0.3185, 0.3442 looks on a white background.

Color Contrast Check

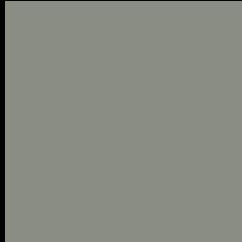
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1190, 0.3185, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

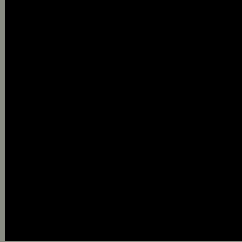
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

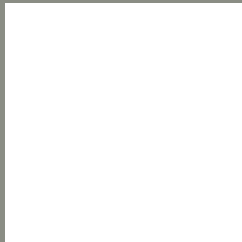
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1190, 0.3185, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 26.1190, 0.3185, 0.3442.



This preview shows how white text looks on a background with the Yxy color 26.1190, 0.3185, 0.3442.

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

26.1190, 0.3185, 0.3442

Protanopia

26.0332, 0.3265, 0.3423

Deuteranopia

26.0893, 0.3389, 0.3323



Tritanopia

26.0096, 0.3049, 0.3111

Trichromacy



Original Color

26.1190, 0.3185, 0.3442

Protanomaly

26.1456, 0.3241, 0.3440

Deuteranomaly

25.9743, 0.3304, 0.3356

Tritanomaly

26.0239, 0.3098, 0.3224

Monochromacy



Original Color

26.1190, 0.3185, 0.3442

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0227, 0.3157, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1190, 0.3185, 0.3442 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, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(138, 141, 132)  
}
```

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, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 141, 132) }
```

Border

The CSS property to change the border of an element to Yxy 26.1190, 0.3185, 0.3442 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, 141, 132) }
```

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

```
.border{ border-color:rgb(138, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(138, 141,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1190, 0.3185, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 141, 132) }
```

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

```
.background{ background-color: rgb(138,  
141, 132) }
```

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