

Converting Colors

$Yxy(26.2105, 0.2821, 0.3858)$

Have a look what the booklet for
Yxy(26.2105, 0.2821, 0.3858)
contains.

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Color

Yxy(26.0858, 0.2820, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	5B987A
RGB	91, 152, 122
RGB Percent	36%, 60%, 48%
CMY	0.6430, 0.4039, 0.5216
CMYK	0.40, 0.00, 0.20, 0.40
HSL	150°, 25%, 48%
HSV	150°, 40%, 60%
XYZ	19.0575, 26.0858, 22.4365
YIQ	130.3410, -26.7260, -22.2620

Conversions

Conversions Part 2

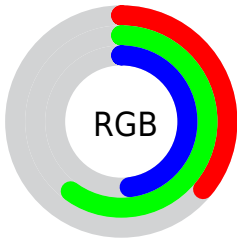
Format	Color
R_{YB}	91, 131, 152
Decimal	6002810
CIE _{Lab}	58.12, -26.83, 9.66
CIE _{LCh}	58, 28.514, 160.197
Yxy	26.0858, 0.2820, 0.3860
Android (android.graphics.Color)	4284192890 (0xFF5B987A)
YUV	130.3410, -4.1121, -34.5021
Hunter-Lab	51.0743, -22.7757, 9.7064

Details

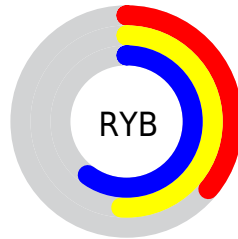
The Yxy color $26.0858, 0.2820, 0.3860$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.5466, 0.3615, 0.2789$, and the grayscale version is $22.4755, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6109, 0.2893, 0.3742$, and $10.2395, 0.2704, 0.4113$ is the 20% darker color. If you saturate the color by 10%, you get $25.2122, 0.2762, 0.4034$, and if you desaturate by 10%, it is $27.1323, 0.2888, 0.3698$.

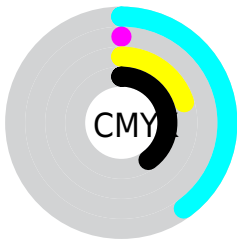
Distribution



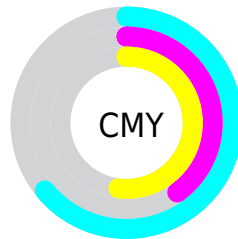
- Red (36%)
- Green (60%)
- Blue (48%)



- Red (36%)
- Yellow (51%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)




- Cyan (64%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0858, 0.2820, 0.3860 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 26.0858, 0.2820, 0.3860 by changing the saturation by 10% instead.


 26.0858, 0.2820,
0.3860


 26.0858, 0.2820,
0.3860


283.2030, 0.2993,
0.3537


 16.8878, 0.2768,
0.3957


 53.4133, 0.2889,
0.3732

 10.1546, 0.2696,
0.4093


 72.3117, 0.2913,
0.3687

 5.5016, 0.2589,
0.4298

 95.2123, 0.2932,
0.3650

 2.5444, 0.2410,
0.4640

 122.4996, 0.2949,
0.3620

 0.8988, 0.1422,
0.6414

154.5579, 0.2962,
0.3594

 0.0000, 0.0000,
0.0000

191.7716, 0.2974,

0.3572

234.5252, 0.2984,
0.3553

■ 26.0858, 0.2820,
0.3860

■ 26.0858, 0.2820,
0.3860

■ 25.2122, 0.2762,
0.4034

■ 27.1323, 0.2888,
0.3698

■ 24.4985, 0.2717,
0.4217

■ 28.3576, 0.2964,
0.3548

■ 23.9348, 0.2689,
0.4406


■ 29.7710, 0.3044,
0.3413


■ 23.5090, 0.2679,
0.4595


■ 31.3804, 0.3126,
0.3291

■ 23.2067, 0.2688,
0.4780


■ 33.1932, 0.3209,
0.3183

 22.9938, 0.2710,
0.4957

 35.2164, 0.3291,
0.3087

 37.4565, 0.3370,
0.3002

 39.9200, 0.3447,
0.2928

 42.6130, 0.3521,
0.2864

Harmonies

Analogous

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



26.0858, 0.3291, 0.4137



26.0858, 0.2820, 0.3860



26.0858, 0.2450, 0.3396

Triad

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



26.0858, 0.2820, 0.3860



26.0858, 0.2508, 0.2518



26.0858, 0.4077, 0.3519

Complementary

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



26.0858, 0.2820, 0.3860



15.5466, 0.3615, 0.2789

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.



26.0858, 0.3838, 0.3136



26.0858, 0.2820, 0.3860



26.0858, 0.2905, 0.2584

Square

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



26.0858, 0.2820, 0.3860



26.0858, 0.2284, 0.2635



26.0858, 0.3395, 0.2805



26.0858, 0.4034, 0.3882

Rectangle

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



26.0858, 0.2820, 0.3860



26.0858, 0.2302, 0.3082



26.0858, 0.3395, 0.2805



26.0858, 0.4027, 0.3390

Sweetspot

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



26.0869, 0.2820, 0.3860



51.9901, 0.3027, 0.3441



27.3146, 0.3374, 0.4373



11.7484, 0.3017, 0.3456



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.0869, 0.2820, 0.3860



44.6687, 0.2768, 0.4013



26.9491, 0.2589, 0.3288



6.9753, 0.3051, 0.3402



19.2866, 0.2707, 0.4945



0.2957, 0.2498, 0.4191

Inverse Universe

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



15.5466, 0.3615, 0.2789



23.4600, 0.3773, 0.2682



14.9207, 0.4101, 0.3293



6.2708, 0.3211, 0.3181



6.0277, 0.4944, 0.2497



0.0974, 0.4074, 0.2018

Previews

White Background



This preview shows how the Yxy color 26.0858, 0.2820, 0.3860 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 26.0858, 0.2820, 0.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

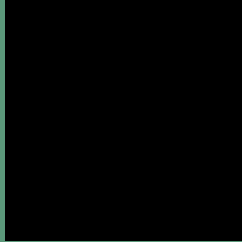
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0858, 0.2820, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 26.0858, 0.2820, 0.3860.



This preview shows how white text looks on a background with the Yxy color 26.0858, 0.2820, 0.3860.

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

26.0858, 0.2820, 0.3860

Protanopia

25.9061, 0.3470, 0.3690

Deuteranopia

25.7247, 0.3481, 0.3419



Tritanopia

26.0800, 0.2591, 0.3079

Trichromacy



Original Color

26.0858, 0.2820, 0.3860

Protanomaly

25.7665, 0.3201, 0.3750

Deuteranomaly

25.5170, 0.3201, 0.3567

Tritanomaly

26.1116, 0.2671, 0.3343

Monochromacy



Original Color

26.0858, 0.2820, 0.3860

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.4223, 0.3000, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0858, 0.2820, 0.3860 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(91, 152, 122)` looks like.

```
.text, #text, p{  
    color:rgb(91, 152, 122)  
}
```

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(91, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 152, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.0858, 0.2820, 0.3860 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(91, 152, 122) }
```

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

```
.border{ border-color:rgb(91, 152, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 152, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 152, 122);  
box-shadow:4px 4px 4px 4px rgb(91, 152,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0858, 0.2820, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 152, 122) }
```

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

```
.background{ background-color: rgb(91, 152,  
122) }
```

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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