

Converting Colors

$Y_{xy}(26.1996, 0.3260, 0.4084)$

Have a look what the booklet for
Yxy(26.1996, 0.3260, 0.4084)
contains.

Yxy(26.2442, 0.3263, 0.4083)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2442, 0.3263, 0.4083)

Conversions

Conversions Part 1

Format	Color
Hex	799468
RGB	121, 148, 104
RGB Percent	47%, 58%, 41%
CMY	0.5255, 0.4196, 0.5921
CMYK	0.18, 0.00, 0.30, 0.42
HSL	97°, 17%, 49%
HSV	97°, 30%, 58%
XYZ	20.9735, 26.2442, 17.0591
YIQ	134.9110, -1.9680, -19.4080

Conversions

Conversions Part 2

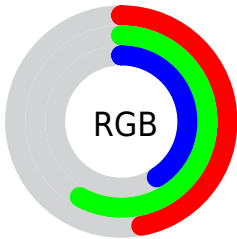
Format	Color
RYB	104, 148, 131
Decimal	7967848
CIELab	58.27, -17.98, 20.23
CIELCh	58, 27.063, 131.626
Yxy	26.2442, 0.3263, 0.4083
Android (android.graphics.Color)	4286157928 (0xFF799468)
YUV	134.9110, -15.2391, -12.1999
Hunter-Lab	51.2291, -16.5719, 16.1171

Details

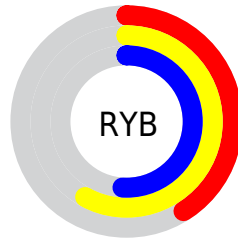
The Yxy color $26.2442, 0.3263, 0.4083$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.8675, 0.2945, 0.2526$, and the grayscale version is $24.2523, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6063, 0.3245, 0.3910$, and $10.2126, 0.3305, 0.4405$ is the 20% darker color. If you saturate the color by 10%, you get $25.3446, 0.3300, 0.4385$, and if you desaturate by 10%, it is $27.2607, 0.3220, 0.3795$.

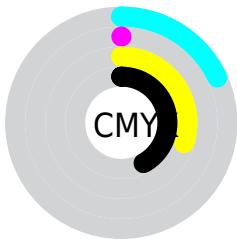
Distribution



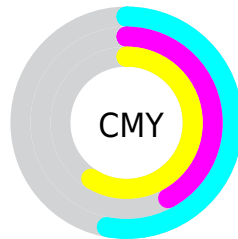
- Red (47%)
- Green (58%)
- Blue (41%)



- Red (41%)
- Yellow (58%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (30%)
- Black (42%)





- Cyan (53%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2442, 0.3263, 0.4083 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 26.2442, 0.3263, 0.4083 by changing the saturation by 10% instead.


 26.2442, 0.3263,
0.4083


 26.2442, 0.3263,
0.4083


283.9788, 0.3198,
0.3634


 17.0064, 0.3277,
0.4216


 53.6686, 0.3241,
0.3905

 10.2391, 0.3291,
0.4401


 72.6241, 0.3232,
0.3843

 5.5578, 0.3303,
0.4676

 95.5875, 0.3224,
0.3792

 2.5781, 0.3303,
0.5130

 122.9434, 0.3217,
0.3750

 0.9157, 0.3201,
0.6799

155.0761, 0.3212,
0.3714

 0.0000, 0.0000,
0.0000

192.3699, 0.3206,

0.3684

235.2094, 0.3202,
0.3657

■ 26.2442, 0.3263,
0.4083

■ 26.2442, 0.3263,
0.4083

■ 25.3446, 0.3300,
0.4385

■ 27.2607, 0.3220,
0.3795

■ 24.5541, 0.3327,
0.4691

■ 28.3948, 0.3174,
0.3528

■ 23.8690, 0.3341,
0.4989

■ 29.6518, 0.3126,
0.3284

■ 23.2840, 0.3340,
0.5263

■ 31.0353, 0.3078,
0.3063

■ 22.7936, 0.3321,
0.5497

■ 32.5490, 0.3032,
0.2866

■ 22.3911, 0.3285,
0.5676

■ 34.1963, 0.2988,
0.2690

■ 22.0634, 0.3239,
0.5808

■ 35.9805, 0.2947,
0.2534

■ 22.0551, 0.3237,
0.5812

■ 37.9048, 0.2908,
0.2396

■ 39.9723, 0.2871,
0.2274

Harmonies

Analogous

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



26.2442, 0.3691, 0.4089



26.2442, 0.3263, 0.4083



26.2442, 0.2817, 0.3810

Triad

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



26.2442, 0.3263, 0.4083



26.2442, 0.2331, 0.2659



26.2442, 0.3816, 0.3162

Complementary

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



26.2442, 0.3263, 0.4083



16.8675, 0.2945, 0.2526

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.



26.2442, 0.3404, 0.2841



26.2442, 0.3263, 0.4083



26.2442, 0.2554, 0.2555

Square

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



26.2442, 0.3263, 0.4083



26.2442, 0.2301, 0.2944



26.2442, 0.2939, 0.2624



26.2442, 0.4031, 0.3529

Rectangle

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



26.2442, 0.3263, 0.4083



26.2442, 0.2570, 0.3524



26.2442, 0.2939, 0.2624



26.2442, 0.3694, 0.3047

Sweetspot

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



26.2453, 0.3263, 0.4083



50.2137, 0.3171, 0.3514



23.3695, 0.3638, 0.3737



11.3983, 0.3177, 0.3548



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.2453, 0.3263, 0.4083



45.1737, 0.3290, 0.4293



25.2161, 0.3049, 0.4040



6.5711, 0.3171, 0.3515



18.8523, 0.3242, 0.5808



0.2468, 0.3587, 0.5534

Inverse Universe

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



16.8675, 0.2945, 0.2526



25.7539, 0.2889, 0.2333



18.2004, 0.3216, 0.2640



5.7985, 0.3079, 0.3068



3.7359, 0.2283, 0.1031



0.0628, 0.2713, 0.1268

Previews

White Background



This preview shows how the Yxy color 26.2442, 0.3263, 0.4083 looks on a white background.

Color Contrast Check

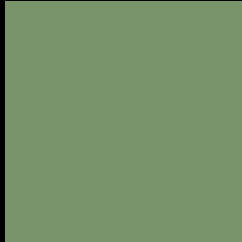
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2442, 0.3263, 0.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

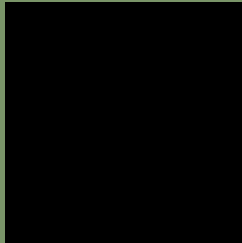
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2442, 0.3263, 0.4083

Background



This preview shows how black text looks on a background with the Yxy color 26.2442, 0.3263, 0.4083.



This preview shows how white text looks on a background with the Yxy color 26.2442, 0.3263, 0.4083.

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

26.2442, 0.3263, 0.4083

Protanopia

26.1603, 0.3662, 0.3949

Deuteranopia

26.0042, 0.3783, 0.3714



Tritanopia

26.3130, 0.2889, 0.3106

Trichromacy



Original Color

26.2442, 0.3263, 0.4083

Protanomaly

26.0735, 0.3509, 0.4009

Deuteranomaly

25.8017, 0.3579, 0.3840

Tritanomaly

26.1314, 0.3026, 0.3446

Monochromacy



Original Color

26.2442, 0.3263, 0.4083

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.9572, 0.3179, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2442, 0.3263, 0.4083 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(121, 148, 104)` looks like.

```
.text, #text, p{  
    color:rgb(121, 148, 104)  
}
```

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(121, 148, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 148, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.2442, 0.3263, 0.4083 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(121, 148, 104) }
```

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

```
.border{ border-color:rgb(121, 148, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 148, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 148, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 148, 104);  
box-shadow:4px 4px 4px 4px rgb(121, 148,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2442, 0.3263, 0.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 148, 104) }
```

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

```
.background{ background-color: rgb(121,  
148, 104) }
```

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