

Converting Colors

$Y_{xy}(26.8191, 0.3331, 0.3983)$

Have a look what the booklet for
Yxy(26.8191, 0.3331, 0.3983)
contains.

Yxy(26.6960, 0.3325, 0.3972)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(26.6960, 0.3325, 0.3972)$

Conversions

Conversions Part 1

Format	Color
Hex	82936C
RGB	130, 147, 108
RGB Percent	51%, 58%, 42%
CMY	0.4902, 0.4235, 0.5764
CMYK	0.12, 0.00, 0.27, 0.42
HSL	86°, 15%, 50%
HSV	86°, 27%, 58%
XYZ	22.3475, 26.6960, 18.1670
YIQ	137.4710, 2.3870, -15.7330

Conversions

Conversions Part 2

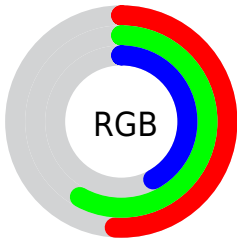
Format	Color
R_{YB}	108, 147, 125
Decimal	8557420
CIE _{Lab}	58.69, -13.34, 18.67
CIE _{LCh}	59, 22.953, 125.549
Yxy	26.6960, 0.3325, 0.3972
Android (android.graphics.Color)	4286747500 (0xFF82936C)
YUV	137.4710, -14.5292, -6.5521
Hunter-Lab	51.6682, -13.2146, 15.3208

Details

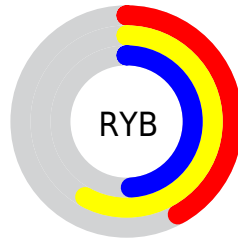
The Yxy color $26.6960, 0.3325, 0.3972$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.1967, 0.2884, 0.2597$, and the grayscale version is $25.2606, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3786, 0.3283, 0.3818$, and $10.3975, 0.3384, 0.4236$ is the 20% darker color. If you saturate the color by 10%, you get $25.9188, 0.3393, 0.4253$, and if you desaturate by 10%, it is $27.5599, 0.3252, 0.3701$.

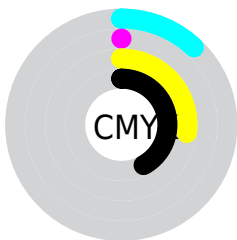
Distribution



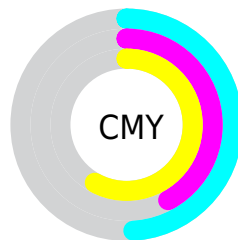
- Red (51%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)




- Cyan (49%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6960, 0.3325, 0.3972 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 26.6960, 0.3325, 0.3972 by changing the saturation by 10% instead.


 26.6960, 0.3325,
0.3972


 26.6960, 0.3325,
0.3972

286.1822, 0.3223,
0.3590


 17.3450, 0.3350,
0.4084


 54.3957, 0.3288,
0.3822


 10.4808, 0.3382,
0.4238


 73.5131, 0.3274,
0.3769

 5.7189, 0.3421,
0.4465

 96.6549, 0.3262,
0.3726

 2.6749, 0.3465,
0.4826

 124.2054, 0.3252,
0.3689

 0.9645, 0.3791,
0.6209

156.5490, 0.3243,
0.3659

 0.0000, 0.0000,
0.0000

194.0700, 0.3236,

0.3633

237.1530, 0.3229,
0.3610

■ 26.6960, 0.3325,
0.3972

■ 26.6960, 0.3325,
0.3972

■ 25.9188, 0.3393,
0.4253

■ 27.5599, 0.3252,
0.3701

■ 25.2216, 0.3452,
0.4537

■ 28.5100, 0.3176,
0.3446

■ 24.6021, 0.3498,
0.4812

■ 29.5503, 0.3101,
0.3210

■ 24.0565, 0.3526,
0.5065

■ 30.6836, 0.3028,
0.2994

■ 23.5806, 0.3533,
0.5285

■ 31.9124, 0.2959,
0.2799

■ 23.1698, 0.3518,
0.5460

■ 33.2391, 0.2893,
0.2622

■ 22.8168, 0.3482,
0.5587

■ 34.6662, 0.2832,
0.2464

■ 22.7026, 0.3469,
0.5628

■ 36.1959, 0.2775,
0.2323

■ 37.8305, 0.2722,
0.2197

Harmonies

Analogous

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



26.6960, 0.3669, 0.3942



26.6960, 0.3325, 0.3972



26.6960, 0.2941, 0.3785

Triad

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



26.6960, 0.3325, 0.3972



26.6960, 0.2428, 0.2795



26.6960, 0.3647, 0.3124

Complementary

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



26.6960, 0.3325, 0.3972



17.1967, 0.2884, 0.2597

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.



26.6960, 0.3283, 0.2861



26.6960, 0.3325, 0.3972



26.6960, 0.2589, 0.2668

Square

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



26.6960, 0.3325, 0.3972



26.6960, 0.2438, 0.3069



26.6960, 0.2895, 0.2697



26.6960, 0.3868, 0.3437

Rectangle

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



26.6960, 0.3325, 0.3972



26.6960, 0.2715, 0.3564



26.6960, 0.2895, 0.2697



26.6960, 0.3536, 0.3028

Sweetspot

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



26.6972, 0.3325, 0.3972



50.7653, 0.3189, 0.3487



21.9310, 0.3602, 0.3580



11.5327, 0.3199, 0.3522



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.



26.6972, 0.3325, 0.3972



46.9365, 0.3368, 0.4144



25.3058, 0.3119, 0.4017



6.6200, 0.3197, 0.3513



19.6963, 0.3472, 0.5625



0.2585, 0.3794, 0.5369

Inverse Universe

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



17.1967, 0.2884, 0.2597



26.8927, 0.2814, 0.2420



18.8012, 0.3124, 0.2646



5.7492, 0.3053, 0.3066



2.7883, 0.1929, 0.0836



0.0511, 0.2428, 0.1111

Previews

White Background



This preview shows how the Yxy color 26.6960, 0.3325, 0.3972 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 26.6960, 0.3325, 0.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

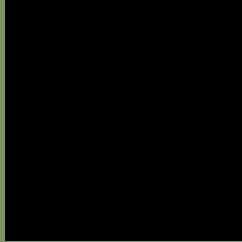
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6960, 0.3325, 0.3972

Background



This preview shows how black text looks on a background with the Yxy color 26.6960, 0.3325, 0.3972.



This preview shows how white text looks on a background with the Yxy color 26.6960, 0.3325, 0.3972.

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

26.6960, 0.3325, 0.3972

Protanopia

26.6490, 0.3616, 0.3880

Deuteranopia

26.4531, 0.3755, 0.3680



Tritanopia

26.5510, 0.2968, 0.3109

Trichromacy



Original Color

26.6960, 0.3325, 0.3972

Protanomaly

26.5252, 0.3504, 0.3913

Deuteranomaly

26.2448, 0.3594, 0.3781

Tritanomaly

26.4908, 0.3100, 0.3408

Monochromacy



Original Color

26.6960, 0.3325, 0.3972

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.6244, 0.3202, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6960, 0.3325, 0.3972 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(130, 147, 108)` looks like.

```
.text, #text, p{  
    color:rgb(130, 147, 108)  
}
```

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(130, 147, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 147, 108) }
```

Border

The CSS property to change the border of an element to Yxy 26.6960, 0.3325, 0.3972 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(130, 147, 108) }
```

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

```
.border{ border-color:rgb(130, 147, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 147, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 147, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 147, 108);  
box-shadow:4px 4px 4px 4px rgb(130, 147,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6960, 0.3325, 0.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 147, 108) }
```

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

```
.background{ background-color: rgb(130,  
147, 108) }
```

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