

Converting Colors

$Y_{xy}(27.1519, 0.2728, 0.3242)$

Have a look what the booklet for
Yxy(27.1519, 0.2728, 0.3242)
contains.

Yxy(27.0769, 0.2731, 0.3237)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0769, 0.2731, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	6E9598
RGB	110, 149, 152
RGB Percent	43%, 58%, 60%
CMY	0.5687, 0.4157, 0.4039
CMYK	0.28, 0.02, 0.00, 0.40
HSL	184°, 17%, 51%
HSV	184°, 28%, 60%
XYZ	22.8443, 27.0769, 33.7269
YIQ	137.6810, -24.2070, -7.3350

Conversions

Conversions Part 2

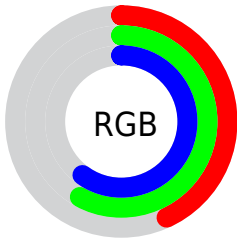
Format	Color
R_{YB}	110, 130, 152
Decimal	7247256
CIE _{Lab}	59.05, -12.60, -5.93
CIE _{LCh}	59, 13.926, 205.219
Yxy	27.0769, 0.2731, 0.3237
Android (android.graphics.Color)	4285437336 (0xFF6E9598)
YUV	137.6810, 7.0593, -24.2762
Hunter-Lab	52.0355, -12.6981, -2.0041

Details

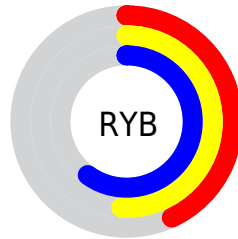
The Yxy color $27.0769, 0.2731, 0.3237$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.6079, 0.3693, 0.3342$, and the grayscale version is $25.2673, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9546, 0.2816, 0.3251$, and $10.6356, 0.2590, 0.3210$ is the 20% darker color. If you saturate the color by 10%, you get $25.8441, 0.2606, 0.3215$, and if you desaturate by 10%, it is $28.4823, 0.2868, 0.3257$.

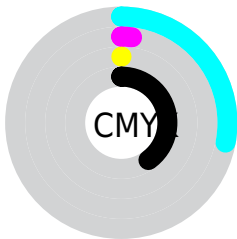
Distribution



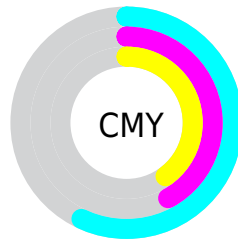
- Red (43%)
- Green (58%)
- Blue (60%)



- Red (43%)
- Yellow (51%)
- Blue (60%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)





- Cyan (57%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0769, 0.2731, 0.3237 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 27.0769, 0.2731, 0.3237 by changing the saturation by 10% instead.


 27.0769, 0.2731,
0.3237


 27.0769, 0.2731,
0.3237

288.0293, 0.2945,
0.3269


 17.6310, 0.2672,
0.3227


 55.0072, 0.2813,
0.3250

 10.6854, 0.2592,
0.3212


 74.2605, 0.2842,
0.3254

 5.8557, 0.2479,
0.3190

 97.5516, 0.2867,
0.3258

 2.7575, 0.2306,
0.3151

 125.2650, 0.2887,
0.3261

 1.0065, 0.1974,
0.3084

157.7850, 0.2905,
0.3263

 0.0000, 0.0000,
0.0000

195.4962, 0.2920,

0.3265

238.7828, 0.2933,
0.3267

■ 27.0769, 0.2731,
0.3237

■ 27.0769, 0.2731,
0.3237

■ 25.8441, 0.2606,
0.3215

■ 28.4823, 0.2868,
0.3257

■ 24.7722, 0.2494,
0.3193

■ 30.0649, 0.3013,
0.3277

■ 23.8528, 0.2398,
0.3169

■ 31.8334, 0.3163,
0.3294

■ 23.0757, 0.2320,
0.3146

■ 33.7946, 0.3317,
0.3310

■ 22.4294, 0.2260,
0.3122

■ 35.9553, 0.3471,
0.3324

■ 21.9005, 0.2218,
0.3098

■ 38.3217, 0.3623,
0.3337

■ 21.4651, 0.2192,
0.3075

■ 40.8999, 0.3773,
0.3348

■ 21.3662, 0.2186,
0.3069

■ 43.6956, 0.3918,
0.3358

■ 46.7145, 0.4057,
0.3366

Harmonies

Analogous

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



27.0769, 0.2880, 0.3456



27.0769, 0.2731, 0.3237



27.0769, 0.2685, 0.3043

Triad

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



27.0769, 0.2731, 0.3237



27.0769, 0.3143, 0.2979



27.0769, 0.3512, 0.3656

Complementary

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



27.0769, 0.2731, 0.3237



19.6079, 0.3693, 0.3342

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.



27.0769, 0.3590, 0.3512



27.0769, 0.2731, 0.3237



27.0769, 0.3373, 0.3128

Square

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



27.0769, 0.2731, 0.3237



27.0769, 0.2916, 0.2905



27.0769, 0.3539, 0.3320



27.0769, 0.3330, 0.3704

Rectangle

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



27.0769, 0.2731, 0.3237



27.0769, 0.2716, 0.2954



27.0769, 0.3539, 0.3320



27.0769, 0.3552, 0.3616

Sweetspot

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



27.0780, 0.2731, 0.3237



52.9157, 0.3005, 0.3276



26.9580, 0.3067, 0.4008



11.9332, 0.2984, 0.3273



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.



27.0780, 0.2731, 0.3237



46.4533, 0.2654, 0.3224



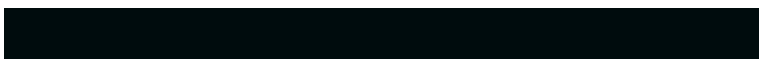
21.0707, 0.2694, 0.2861



6.9512, 0.2989, 0.3274



17.9344, 0.2186, 0.3071



0.2875, 0.2216, 0.3176

Inverse Universe

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



19.9956, 0.3194, 0.2667



31.9587, 0.3211, 0.2532



24.7947, 0.3604, 0.3684



6.3160, 0.3148, 0.3086



7.2158, 0.3392, 0.1642



0.1098, 0.3303, 0.1593

Previews

White Background



This preview shows how the Yxy color 27.0769, 0.2731, 0.3237 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 27.0769, 0.2731, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

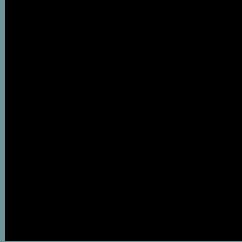
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

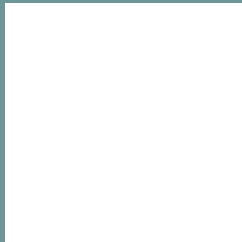
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.0769, 0.2731, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 27.0769, 0.2731, 0.3237.

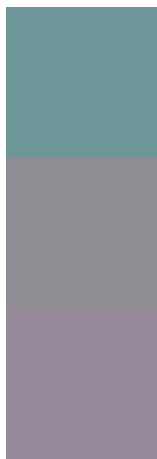


This preview shows how white text looks on a background with the Yxy color 27.0769, 0.2731, 0.3237.

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

27.0769, 0.2731, 0.3237

Protanopia

26.9960, 0.3089, 0.3193

Deuteranopia

26.9941, 0.3096, 0.3039



Tritanopia

27.1626, 0.2683, 0.3085

Trichromacy



Original Color

27.0769, 0.2731, 0.3237

Protanomaly

26.9417, 0.2946, 0.3206

Deuteranomaly

26.7968, 0.2949, 0.3109

Tritanomaly

26.9936, 0.2698, 0.3135

Monochromacy



Original Color

27.0769, 0.2731, 0.3237

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9184, 0.2971, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0769, 0.2731, 0.3237 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(110, 149, 152)` looks like.

```
.text, #text, p{  
    color:rgb(110, 149, 152)  
}
```

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(110, 149, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 149, 152) }
```

Border

The CSS property to change the border of an element to Yxy 27.0769, 0.2731, 0.3237 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(110, 149, 152) }
```

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

```
.border{ border-color:rgb(110, 149, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 149, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 149, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 149, 152);  
box-shadow:4px 4px 4px 4px rgb(110, 149,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0769, 0.2731, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 149, 152) }
```

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

```
.background{ background-color: rgb(110,  
149, 152) }
```

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