

Converting Colors

$Y_{xy}(27.3215, 0.3089, 0.3823)$

Have a look what the booklet for
Yxy(27.3215, 0.3089, 0.3823)
contains.

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Color

$Y_{xy}(27.4356, 0.3082, 0.3822)$

Conversions

Conversions Part 1

Format	Color
Hex	779779
RGB	119, 151, 121
RGB Percent	47%, 59%, 47%
CMY	0.5334, 0.4078, 0.5254
CMYK	0.21, 0.00, 0.20, 0.41
HSL	124°, 13%, 53%
HSV	124°, 21%, 59%
XYZ	22.1236, 27.4356, 22.2241
YIQ	138.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

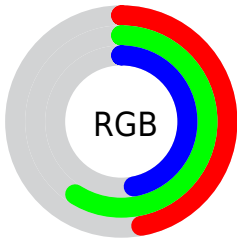
Format	Color
R_{YB}	119, 149, 151
Decimal	7837561
CIE _{Lab}	59.38, -17.32, 12.20
CIE _{LCh}	59, 21.190, 144.845
Yxy	27.4356, 0.3082, 0.3822
Android (android.graphics.Color)	4286027641 (0xFF779779)
YUV	138.0120, -8.3869, -16.6735
Hunter-Lab	52.3790, -16.2691, 11.5089

Details

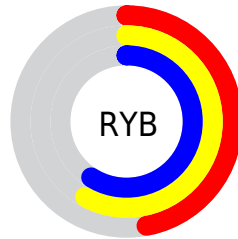
The Yxy color $27.4356, 0.3082, 0.3822$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.9363, 0.3174, 0.2810$, and the grayscale version is $25.4549, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4504, 0.3100, 0.3706$, and $10.8843, 0.3064, 0.4041$ is the 20% darker color. If you saturate the color by 10%, you get $26.1302, 0.3060, 0.4119$, and if you desaturate by 10%, it is $28.9639, 0.3104, 0.3554$.

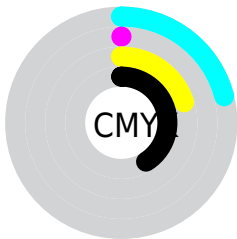
Distribution



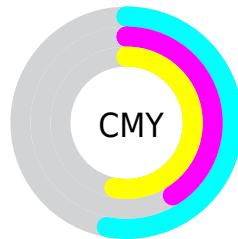
- Red (47%)
- Green (59%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (59%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)





- Cyan (53%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4356, 0.3082, 0.3822 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 27.4356, 0.3082, 0.3822 by changing the saturation by 10% instead.


 27.4356, 0.3082,
0.3822

 27.4356, 0.3082,
0.3822


289.7601, 0.3111,
0.3524


 17.9006, 0.3072,
0.3910


 55.5821, 0.3094,
0.3705

 10.8787, 0.3056,
0.4031


 74.9624, 0.3099,
0.3663

 5.9853, 0.3031,
0.4212

 98.3933, 0.3102,
0.3630

 2.8361, 0.2983,
0.4506

126.2591, 0.3104,
0.3601

 1.0468, 0.2986,
0.5546

158.9443, 0.3106,
0.3578

 0.0000, 0.0000,
0.0000

196.8333, 0.3108,

0.3557

240.3104, 0.3110,
0.3539

■ 27.4356, 0.3082,
0.3822

■ 27.4356, 0.3082,
0.3822

■ 26.1302, 0.3060,
0.4119

■ 28.9639, 0.3104,
0.3554

■ 25.0341, 0.3038,
0.4439

■ 30.7211, 0.3125,
0.3317

■ 24.1374, 0.3018,
0.4772

■ 32.7175, 0.3144,
0.3109

■ 23.4280, 0.3001,
0.5101

■ 34.9614, 0.3162,
0.2929

■ 22.8927, 0.2990,
0.5404

■ 37.4611, 0.3178,
0.2774

■ 22.5164, 0.2985,
0.5657

■ 40.2242, 0.3193,
0.2640

■ 22.2815, 0.2986,
0.5844

■ 43.2580, 0.3206,
0.2525

■ 22.1569, 0.2986,
0.5949

■ 46.5698, 0.3218,
0.2425

■ 50.1662, 0.3229,
0.2339

Harmonies

Analogous

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



27.4356, 0.3432, 0.3925



27.4356, 0.3082, 0.3822



27.4356, 0.2757, 0.3548

Triad

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



27.4356, 0.3082, 0.3822



27.4356, 0.2563, 0.2744



27.4356, 0.3753, 0.3323

Complementary

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



27.4356, 0.3082, 0.3822



21.9363, 0.3174, 0.2810

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.



27.4356, 0.3494, 0.3044



27.4356, 0.3082, 0.3822



27.4356, 0.2803, 0.2719

Square

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



27.4356, 0.3082, 0.3822



27.4356, 0.2469, 0.2914



27.4356, 0.3141, 0.2828



27.4356, 0.3832, 0.3610

Rectangle

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



27.4356, 0.3082, 0.3822



27.4356, 0.2595, 0.3319



27.4356, 0.3141, 0.2828



27.4356, 0.3683, 0.3226

Sweetspot

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



27.4368, 0.3082, 0.3822



53.4150, 0.3115, 0.3429



29.8949, 0.3420, 0.3805



12.0989, 0.3113, 0.3443



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.



27.4368, 0.3082, 0.3822



48.0800, 0.3072, 0.3946



27.8503, 0.2943, 0.3540



6.9317, 0.3108, 0.3505



18.8489, 0.2985, 0.5944



0.2833, 0.2911, 0.5678

Inverse Universe

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



21.9363, 0.3174, 0.2810



36.5919, 0.3185, 0.2712



21.4718, 0.3359, 0.3053



6.3168, 0.3147, 0.3084



7.2441, 0.3372, 0.1631



0.1101, 0.3293, 0.1587

Previews

White Background



This preview shows how the Yxy color 27.4356, 0.3082, 0.3822 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 27.4356, 0.3082, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

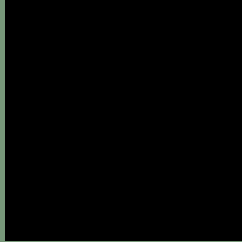
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4356, 0.3082, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 27.4356, 0.3082, 0.3822.



This preview shows how white text looks on a background with the Yxy color 27.4356, 0.3082, 0.3822.

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

27.4356, 0.3082, 0.3822

Protanopia

27.2097, 0.3485, 0.3698

Deuteranopia

27.1331, 0.3565, 0.3493



Tritanopia

27.3864, 0.2811, 0.3090

Trichromacy



Original Color

27.4356, 0.3082, 0.3822

Protanomaly

27.0478, 0.3331, 0.3747

Deuteranomaly

26.9791, 0.3376, 0.3603

Tritanomaly

27.4351, 0.2906, 0.3340

Monochromacy



Original Color

27.4356, 0.3082, 0.3822

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.1362, 0.3108, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4356, 0.3082, 0.3822 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(119, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(119, 151, 121)  
}
```

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(119, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 151, 121) }
```

Border

The CSS property to change the border of an element to Yxy 27.4356, 0.3082, 0.3822 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(119, 151, 121) }
```

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

```
.border{ border-color:rgb(119, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(119, 151,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4356, 0.3082, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 151, 121) }
```

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

```
.background{ background-color: rgb(119,  
151, 121) }
```

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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