

Converting Colors

$Y_{xy}(19.0241, 0.2710, 0.3865)$

Have a look what the booklet for
Yxy(19.0241, 0.2710, 0.3865)
contains.

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Color

Yxy(19.0299, 0.2711, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	43856B
RGB	67, 133, 107
RGB Percent	26%, 52%, 42%
CMY	0.7373, 0.4784, 0.5804
CMYK	0.50, 0.00, 0.20, 0.48
HSL	156°, 33%, 39%
HSV	156°, 50%, 52%
XYZ	13.3549, 19.0299, 16.8772
YIQ	110.3020, -30.9900, -22.0780

Conversions

Conversions Part 2

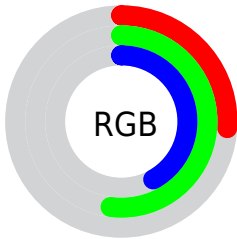
Format	Color
R _{YB}	67, 108, 133
Decimal	4425067
CIE _{Lab}	50.72, -27.66, 7.60
CIE _{LCh}	51, 28.683, 164.627
Y _{xy}	19.0299, 0.2711, 0.3863
Android (android.graphics.Color)	4282615147 (0xFF43856B)
YUV	110.3020, -1.6279, -37.9759
Hunter-Lab	43.6233, -21.6944, 7.5979

Details

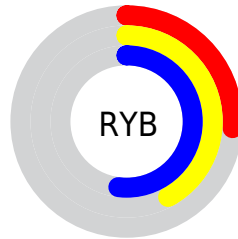
The Yxy color **19.0299, 0.2711, 0.3863** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9.7897, 0.3905, 0.2799**, and the grayscale version is **15.6948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9312, 0.2810, 0.3735**, and **6.5644, 0.2521, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **18.5065, 0.2657, 0.4004**, and if you desaturate by 10%, it is **19.6695, 0.2779, 0.3729**.

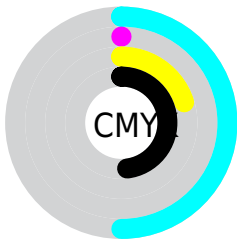
Distribution



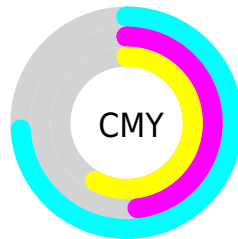
- Red (26%)
- Green (52%)
- Blue (42%)



- Red (26%)
- Yellow (42%)
- Blue (52%)



- Cyan (50%)
- Magenta (0%)
- Yellow (20%)
- Black (48%)





- Cyan (74%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0299, 0.2711, 0.3863 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 19.0299, 0.2711, 0.3863 by changing the saturation by 10% instead.


 19.0299, 0.2711,
0.3863


 19.0299, 0.2711,
0.3863


246.6138, 0.2954,
0.3524


 11.6919, 0.2634,
0.3973


 41.7846, 0.2810,
0.3723

 6.5342, 0.2523,
0.4134


 57.9701, 0.2844,
0.3676


 3.1726, 0.2347,
0.4394

 77.8735, 0.2871,
0.3638

 1.2225, 0.1860,
0.5018

 101.8793, 0.2894,
0.3607

 0.0799, 0.0000,
1.0000

 130.3719, 0.2913,
0.3581

 0.0000, 0.0000,
0.0000

163.7355, 0.2929,

0.3559

202.3547, 0.2942,
0.3540

■ 19.0299, 0.2711,
0.3863

■ 19.0299, 0.2711,
0.3863

■ 18.5065, 0.2657,
0.4004

■ 19.6695, 0.2779,
0.3729

■ 18.0894, 0.2619,
0.4151

■ 20.4299, 0.2857,
0.3603

■ 17.7707, 0.2599,
0.4299

■ 21.3182, 0.2944,
0.3488

■ 17.5406, 0.2598,
0.4447

■ 22.3403, 0.3036,
0.3382

■ 17.3706, 0.2610,
0.4593

■ 23.5017, 0.3131,
0.3287

 17.3647, 0.2611,
0.4598

 24.8076, 0.3226,
0.3201

 26.2629, 0.3322,
0.3125

 27.8724, 0.3415,
0.3058

 29.6405, 0.3506,
0.2999

Harmonies

Analogous

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



19.0299, 0.3225, 0.4219



19.0299, 0.2711, 0.3863



19.0299, 0.2330, 0.3324

Triad

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



19.0299, 0.2711, 0.3863



19.0299, 0.2494, 0.2435



19.0299, 0.4202, 0.3599

Complementary

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



19.0299, 0.2711, 0.3863



9.7897, 0.3905, 0.2799

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.



19.0299, 0.3979, 0.3176



19.0299, 0.2711, 0.3863



19.0299, 0.2954, 0.2537

Square

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



19.0299, 0.2711, 0.3863



19.0299, 0.2218, 0.2528



19.0299, 0.3506, 0.2800



19.0299, 0.4103, 0.3992

Rectangle

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



19.0299, 0.2711, 0.3863



19.0299, 0.2191, 0.2980



19.0299, 0.3506, 0.2800



19.0299, 0.4163, 0.3457

Sweetspot

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



19.0307, 0.2711, 0.3863



38.9298, 0.2983, 0.3441



19.5293, 0.3336, 0.4669



8.6984, 0.2967, 0.3460



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.0307, 0.2711, 0.3863



32.9964, 0.2649, 0.4029



17.9114, 0.2472, 0.3149



5.2486, 0.3041, 0.3377



16.5403, 0.2610, 0.4595



0.0587, 0.2431, 0.3951

Inverse Universe

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



9.7897, 0.3905, 0.2799



14.3640, 0.4199, 0.2704



10.2346, 0.4379, 0.3419



4.7169, 0.3222, 0.3205



4.9909, 0.5331, 0.2711



0.0187, 0.4323, 0.2155

Previews

White Background



This preview shows how the Yxy color 19.0299, 0.2711, 0.3863 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 19.0299, 0.2711, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

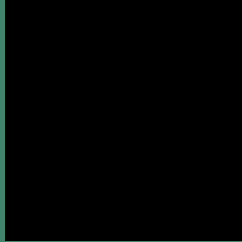
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0299, 0.2711, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 19.0299, 0.2711, 0.3863.



This preview shows how white text looks on a background with the Yxy color 19.0299, 0.2711, 0.3863.

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

19.0299, 0.2711, 0.3863

Protanopia

18.8651, 0.3457, 0.3671

Deuteranopia

18.7894, 0.3439, 0.3382



Tritanopia

19.1011, 0.2503, 0.3086

Trichromacy



Original Color

19.0299, 0.2711, 0.3863

Protanomaly

18.6498, 0.3130, 0.3740

Deuteranomaly

18.3599, 0.3116, 0.3530

Tritanomaly

18.9140, 0.2580, 0.3351

Monochromacy



Original Color

19.0299, 0.2711, 0.3863

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.4407, 0.2935, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0299, 0.2711, 0.3863 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(67, 133, 107)` looks like.

```
.text, #text, p{  
  color:rgb(67, 133, 107)  
}
```

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(67, 133, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 133, 107) }
```

Border

The CSS property to change the border of an element to Yxy 19.0299, 0.2711, 0.3863 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(67, 133, 107) }
```

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

```
.border{ border-color:rgb(67, 133, 107) }
```

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

Here you see how a box with a 4 pixel rgb(67, 133, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 133, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 133, 107);  
box-shadow:4px 4px 4px 4px rgb(67, 133,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0299, 0.2711, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 133, 107) }
```

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

```
.background{ background-color: rgb(67, 133,  
107) }
```

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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