

Converting Colors

$Yxy(19.2265, 0.2560, 0.3923)$

Have a look what the booklet for
Yxy(19.2265, 0.2560, 0.3923)
contains.

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Color

Yxy(19.2265, 0.2560, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	2C886C
RGB	44, 136, 108
RGB Percent	17%, 53%, 42%
CMY	0.8278, 0.4666, 0.5765
CMYK	0.68, 0.00, 0.21, 0.47
HSL	162°, 51%, 35%
HSV	162°, 68%, 53%
XYZ	12.5465, 19.2265, 17.2367
YIQ	105.3000, -45.8440, -28.2120

Conversions

Conversions Part 2

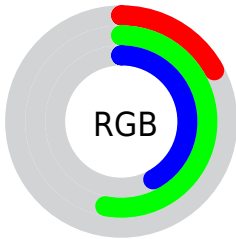
Format	Color
RYB	44, 98, 136
Decimal	2918508
CIELab	50.95, -34.00, 7.24
CIElCh	51, 34.761, 167.977
Yxy	19.2265, 0.2560, 0.3923
Android (android.graphics.Color)	4281108588 (0xFF2C886C)
YUV	105.3000, 1.3311, -53.7601
Hunter-Lab	43.8480, -25.6589, 7.3867

Details

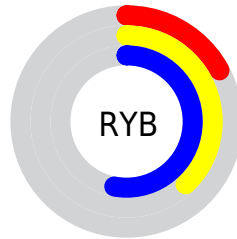
The Yxy color **19.2265, 0.2560, 0.3923** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7.4963, 0.4588, 0.2814**, and the grayscale version is **14.2113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0968, 0.2695, 0.3776**, and **6.8339, 0.2488, 0.4156** is the 20% darker color. If you saturate the color by 10%, you get **18.8885, 0.2530, 0.4035**, and if you desaturate by 10%, it is **19.6689, 0.2608, 0.3813**.

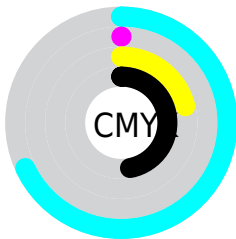
Distribution



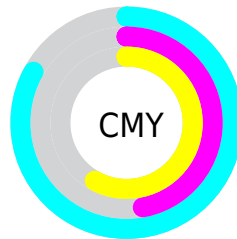
- Red (17%)
- Green (53%)
- Blue (42%)



- Red (17%)
- Yellow (38%)
- Blue (53%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)





- Cyan (83%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2265, 0.2560, 0.3923 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 19.2265, 0.2560, 0.3923 by changing the saturation by 10% instead.


 19.2265, 0.2560,
0.3923


 19.2265, 0.2560,
0.3923


247.6963, 0.2889,
0.3549


 11.8341, 0.2457,
0.4044


 42.1165, 0.2693,
0.3769


 6.6308, 0.2310,
0.4220


 58.3828, 0.2739,
0.3717

 3.2323, 0.2083,
0.4503

 78.3759, 0.2776,
0.3675

 1.2542, 0.1349,
0.5247

 102.4801, 0.2807,
0.3641

 0.1053, 0.0000,
1.0000

 131.0799, 0.2832,
0.3612

 0.0000, 0.0000,
0.0000

 164.5596, 0.2854,

0.3588

203.3036, 0.2873,
0.3567

■ 19.2265, 0.2560,
0.3923

■ 19.2265, 0.2560,
0.3923

■ 18.8885, 0.2530,
0.4035

■ 19.6689, 0.2608,
0.3813

■ 18.6424, 0.2518,
0.4147

■ 20.2221, 0.2673,
0.3708

■ 18.4682, 0.2522,
0.4259

■ 20.8949, 0.2752,
0.3607

■ 18.4310, 0.2524,
0.4285

■ 21.6942, 0.2842,
0.3513

■ 22.6266, 0.2940,
0.3426

■ 23.6982, 0.3044,
0.3346

■ 24.9147, 0.3152,
0.3274

■ 26.2815, 0.3261,
0.3210

■ 27.8036, 0.3370,
0.3152

Harmonies

Analogous

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



19.2265, 0.3158, 0.4402



19.2265, 0.2560, 0.3923



19.2265, 0.2141, 0.3245

Triad

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



19.2265, 0.2560, 0.3923



19.2265, 0.2422, 0.2284



19.2265, 0.4428, 0.3692

Complementary

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



19.2265, 0.2560, 0.3923



7.4963, 0.4588, 0.2814

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.



19.2265, 0.4206, 0.3196



19.2265, 0.2560, 0.3923



19.2265, 0.2985, 0.2428

Square

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



19.2265, 0.2560, 0.3923



19.2265, 0.2076, 0.2357



19.2265, 0.3653, 0.2751



19.2265, 0.4255, 0.4156

Rectangle

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



19.2265, 0.2560, 0.3923



19.2265, 0.2003, 0.2843



19.2265, 0.3653, 0.2751



19.2265, 0.4399, 0.3525

Sweetspot

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



19.2273, 0.2560, 0.3923



39.3984, 0.2913, 0.3449



19.2116, 0.3275, 0.5239



9.0297, 0.2888, 0.3470



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



19.2273, 0.2560, 0.3923



33.0442, 0.2521, 0.4092



15.5345, 0.2269, 0.2915



5.6631, 0.3029, 0.3357



17.4432, 0.2523, 0.4282



0.1185, 0.2381, 0.3772

Inverse Universe

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



7.4963, 0.4588, 0.2814



10.8687, 0.5113, 0.2810



8.7315, 0.5025, 0.3577



5.0720, 0.3236, 0.3224



5.1095, 0.5680, 0.2902



0.0363, 0.4626, 0.2322

Previews

White Background



This preview shows how the Yxy color 19.2265, 0.2560, 0.3923 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 19.2265, 0.2560, 0.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

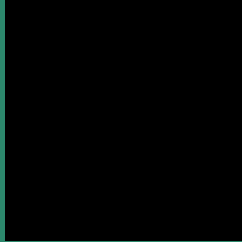
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2265, 0.2560, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 19.2265, 0.2560, 0.3923.



This preview shows how white text looks on a background with the Yxy color 19.2265, 0.2560, 0.3923.

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

19.2265, 0.2560, 0.3923

Protanopia

18.8651, 0.3457, 0.3671

Deuteranopia

18.8115, 0.3426, 0.3364



Tritanopia

19.0851, 0.2366, 0.3062

Trichromacy



Original Color

19.2265, 0.2560, 0.3923

Protanomaly

18.4424, 0.3035, 0.3772

Deuteranomaly

18.1384, 0.3008, 0.3536

Tritanomaly

19.1436, 0.2431, 0.3352

Monochromacy



Original Color

19.2265, 0.2560, 0.3923

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

15.3704, 0.2839, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2265, 0.2560, 0.3923 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(44, 136, 108)` looks like.

```
.text, #text, p{  
    color:rgb(44, 136, 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(44, 136, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 136, 108) }
```

Border

The CSS property to change the border of an element to Yxy 19.2265, 0.2560, 0.3923 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(44, 136, 108) }
```

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

```
.border{ border-color:rgb(44, 136, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 136, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 136, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 136, 108);  
box-shadow:4px 4px 4px 4px rgb(44, 136,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2265, 0.2560, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 136, 108) }
```

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

```
.background{ background-color: rgb(44, 136,  
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](#).

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