

Converting Colors

$Y_{xy}(19.3828, 0.3447, 0.4208)$

Have a look what the booklet for
Yxy(19.3828, 0.3447, 0.4208)
contains.

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Color

Yxy(19.4923, 0.3438, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	708052
RGB	112, 128, 82
RGB Percent	44%, 50%, 32%
CMY	0.5607, 0.4980, 0.6785
CMYK	0.12, 0.00, 0.36, 0.50
HSL	81°, 22%, 41%
HSV	81°, 36%, 50%
XYZ	15.9255, 19.4923, 10.9042
YIQ	117.9720, 5.2300, -17.6980

Conversions

Conversions Part 2

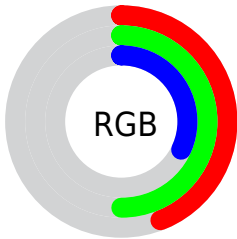
Format	Color
R_{YB}	82, 128, 98
Decimal	7372882
CIE _{Lab}	51.26, -14.26, 23.09
CIE _{LCh}	51, 27.134, 121.701
Yxy	19.4923, 0.3438, 0.4208
Android (android.graphics.Color)	4285562962 (0xFF708052)
YUV	117.9720, -17.7342, -5.2374
Hunter-Lab	44.1501, -12.8754, 16.2616

Details

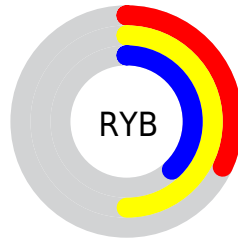
The Yxy color **19.4923, 0.3438, 0.4208** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1876, 0.2722, 0.2321**, and the grayscale version is **18.1639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6062, 0.3372, 0.3991**, and **6.7761, 0.3526, 0.4627** is the 20% darker color. If you saturate the color by 10%, you get **19.0315, 0.3512, 0.4477**, and if you desaturate by 10%, it is **20.0056, 0.3355, 0.3939**.

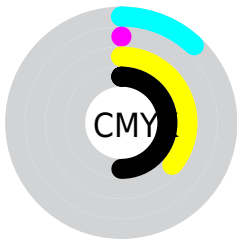
Distribution



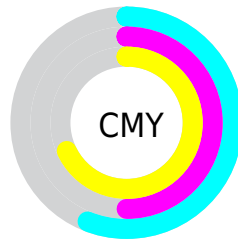
- Red (44%)
- Green (50%)
- Blue (32%)



- Red (32%)
- Yellow (50%)
- Blue (38%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (50%)





- Cyan (56%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4923, 0.3438, 0.4208 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 19.4923, 0.3438, 0.4208 by changing the saturation by 10% instead.


 19.4923, 0.3438,
0.4208


 19.4923, 0.3438,
0.4208


249.1532, 0.3272,
0.3669


 12.0265, 0.3480,
0.4377


 42.5643, 0.3376,
0.3989


 6.7618, 0.3531,
0.4618


 58.9394, 0.3353,
0.3914


 3.3136, 0.3586,
0.4987

 79.0530, 0.3334,
0.3853

 1.2975, 0.3920,
0.6080

 103.2896, 0.3318,
0.3804

 0.1393, 0.0000,
1.0000

 132.0335, 0.3304,
0.3762

 0.0000, 0.0000,
0.0000

165.6691, 0.3292,

0.3726

204.5809, 0.3281,
0.3696

■ 19.4923, 0.3438,
0.4208

■ 19.4923, 0.3438,
0.4208

■ 19.0315, 0.3512,
0.4477

■ 20.0056, 0.3355,
0.3939

■ 18.6184, 0.3574,
0.4736

■ 20.5708, 0.3268,
0.3678

■ 18.2514, 0.3618,
0.4974

■ 21.1908, 0.3179,
0.3430

■ 17.9278, 0.3642,
0.5180

■ 21.8675, 0.3092,
0.3198

■ 17.6446, 0.3642,
0.5345

■ 22.6024, 0.3008,
0.2984

■ 17.3966, 0.3622,
0.5467

■ 23.3974, 0.2927,
0.2789

■ 17.3014, 0.3612,
0.5514

■ 24.2539, 0.2852,
0.2612

■ 25.1735, 0.2782,
0.2453

■ 26.1577, 0.2716,
0.2309

Harmonies

Analogous

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



19.4923, 0.3875, 0.4112



19.4923, 0.3438, 0.4208



19.4923, 0.2938, 0.4001

Triad

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



19.4923, 0.3438, 0.4208



19.4923, 0.2218, 0.2674



19.4923, 0.3756, 0.3022

Complementary

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



19.4923, 0.3438, 0.4208



10.1876, 0.2722, 0.2321

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.



19.4923, 0.3259, 0.2704



19.4923, 0.3438, 0.4208



19.4923, 0.2394, 0.2498

Square

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



19.4923, 0.3438, 0.4208



19.4923, 0.2257, 0.3046



19.4923, 0.2762, 0.2516



19.4923, 0.4081, 0.3412

Rectangle

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



19.4923, 0.3438, 0.4208



19.4923, 0.2638, 0.3714



19.4923, 0.2762, 0.2516



19.4923, 0.3601, 0.2905

Sweetspot

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



19.4932, 0.3438, 0.4208



36.7180, 0.3226, 0.3560



13.8086, 0.3835, 0.3595



8.5685, 0.3236, 0.3587



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.4932, 0.3438, 0.4208



33.6600, 0.3499, 0.4425



18.2041, 0.3165, 0.4292



4.9470, 0.3207, 0.3506



17.1564, 0.3612, 0.5514



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.1876, 0.2722, 0.2321



14.7736, 0.2607, 0.2076



11.6091, 0.3051, 0.2408



4.2787, 0.3042, 0.3071



2.0875, 0.1794, 0.0762



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.4923, 0.3438, 0.4208 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 19.4923, 0.3438, 0.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

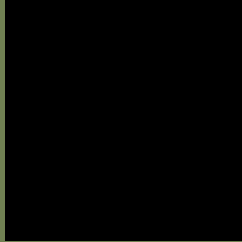
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4923, 0.3438, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 19.4923, 0.3438, 0.4208.



This preview shows how white text looks on a background with the Yxy color 19.4923, 0.3438, 0.4208.

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

19.4923, 0.3438, 0.4208

Protanopia

19.4038, 0.3756, 0.4066

Deuteranopia

19.3824, 0.3919, 0.3868



Tritanopia

19.5069, 0.2981, 0.3104

Trichromacy



Original Color

19.4923, 0.3438, 0.4208

Protanomaly

19.3694, 0.3638, 0.4109

Deuteranomaly

19.2858, 0.3741, 0.3992

Tritanomaly

19.3432, 0.3142, 0.3484

Monochromacy



Original Color

19.4923, 0.3438, 0.4208

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.6520, 0.3248, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4923, 0.3438, 0.4208 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(112, 128, 82)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 82)  
}
```

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(112, 128, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 82) }
```

Border

The CSS property to change the border of an element to Yxy 19.4923, 0.3438, 0.4208 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(112, 128, 82) }
```

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

```
.border{ border-color:rgb(112, 128, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 82);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4923, 0.3438, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 82) }
```

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

```
.background{ background-color: rgb(112,  
128, 82) }
```

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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