

Converting Colors

$Y_{xy}(19.1064, 0.3395, 0.4223)$

Have a look what the booklet for
Yxy(19.1064, 0.3395, 0.4223)
contains.

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Color

Yxy(19.2357, 0.3387, 0.4223)

Conversions

Conversions Part 1

Format	Color
Hex	6C8052
RGB	108, 128, 82
RGB Percent	42%, 50%, 32%
CMY	0.5764, 0.4980, 0.6783
CMYK	0.16, 0.00, 0.36, 0.50
HSL	86°, 22%, 41%
HSV	86°, 36%, 50%
XYZ	15.4277, 19.2357, 10.8864
YIQ	116.7760, 2.8460, -18.5460

Conversions

Conversions Part 2

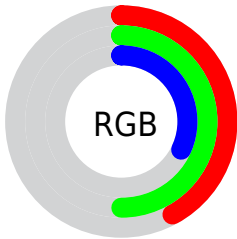
Format	Color
RYB	82, 128, 102
Decimal	7110738
CIELab	50.96, -15.88, 22.63
CIELCh	51, 27.643, 125.069
Yxy	19.2357, 0.3387, 0.4223
Android (android.graphics.Color)	4285300818 (0xFF6C8052)
YUV	116.7760, -17.1446, -7.6966
Hunter-Lab	43.8585, -13.9630, 15.9842

Details

The Yxy color **19.2357, 0.3387, 0.4223** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.4220, 0.2780, 0.2337**, and the grayscale version is **17.7708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1873, 0.3335, 0.3999**, and **6.6491, 0.3449, 0.4663** is the 20% darker color. If you saturate the color by 10%, you get **18.7215, 0.3447, 0.4503**, and if you desaturate by 10%, it is **19.8103, 0.3319, 0.3946**.

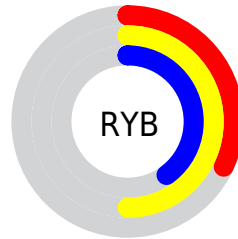
Distribution



Red (42%)

Green (50%)

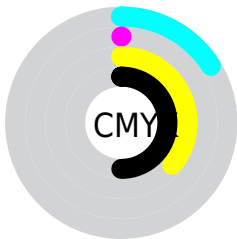
Blue (32%)



Red (32%)

Yellow (50%)

Blue (40%)

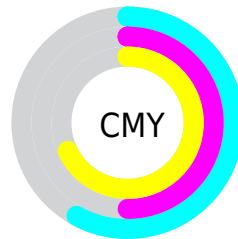


Cyan (16%)

Magenta (0%)

Yellow (36%)

Black (50%)



Cyan (58%)

Magenta (50%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2357, 0.3387, 0.4223 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 19.2357, 0.3387, 0.4223 by changing the saturation by 10% instead.


 19.2357, 0.3387,
0.4223


 19.2357, 0.3387,
0.4223


247.7469, 0.3250,
0.3672


 11.8407, 0.3420,
0.4397


 42.1320, 0.3337,
0.3998

 6.6353, 0.3458,
0.4649


 58.4021, 0.3318,
0.3921


 3.2351, 0.3493,
0.5036

 78.3994, 0.3302,
0.3860

 1.2557, 0.3788,
0.6212

 102.5082, 0.3289,
0.3809

 0.1065, 0.0000,
1.0000

 131.1129, 0.3277,
0.3766

 0.0000, 0.0000,
0.0000

164.5981, 0.3267,

0.3730

203.3479, 0.3258,
0.3699

■ 19.2357, 0.3387,
0.4223

■ 19.2357, 0.3387,
0.4223

■ 18.7215, 0.3447,
0.4503

■ 19.8103, 0.3319,
0.3946

■ 18.2626, 0.3494,
0.4776

■ 20.4449, 0.3246,
0.3680

■ 17.8573, 0.3524,
0.5030


■ 21.1426, 0.3171,
0.3430

■ 17.5027, 0.3535,
0.5252


■ 21.9053, 0.3097,
0.3198

■ 17.1954, 0.3523,
0.5433

■ 22.7350, 0.3025,
0.2986


 16.9301, 0.3492,
0.5568

 23.6336, 0.2956,
0.2793

 16.8293, 0.3479,
0.5620

 24.6026, 0.2892,
0.2620

 25.6440, 0.2831,
0.2464

 26.7592, 0.2774,
0.2324

Harmonies

Analogous

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



19.2357, 0.3849, 0.4154



19.2357, 0.3387, 0.4223



19.2357, 0.2878, 0.3976

Triad

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



19.2357, 0.3387, 0.4223



19.2357, 0.2209, 0.2629



19.2357, 0.3820, 0.3058

Complementary

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



19.2357, 0.3387, 0.4223



10.4220, 0.2780, 0.2337

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.



19.2357, 0.3322, 0.2722



19.2357, 0.3387, 0.4223



19.2357, 0.2411, 0.2473

Square

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



19.2357, 0.3387, 0.4223



19.2357, 0.2223, 0.2988



19.2357, 0.2805, 0.2513



19.2357, 0.4124, 0.3460

Rectangle

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



19.2357, 0.3387, 0.4223



19.2357, 0.2580, 0.3668



19.2357, 0.2805, 0.2513



19.2357, 0.3667, 0.2935

Sweetspot

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



19.2365, 0.3387, 0.4223



36.5555, 0.3211, 0.3561



14.6908, 0.3804, 0.3683



8.5270, 0.3219, 0.3589



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.



19.2365, 0.3387, 0.4223



33.1292, 0.3436, 0.4449



17.9833, 0.3113, 0.4307



4.9292, 0.3195, 0.3507



16.6882, 0.3479, 0.5620



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.4220, 0.2780, 0.2337



15.2300, 0.2679, 0.2100



11.9515, 0.3120, 0.2427



4.2960, 0.3055, 0.3072



2.3701, 0.1934, 0.0839



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.2357, 0.3387, 0.4223 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 19.2357, 0.3387, 0.4223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

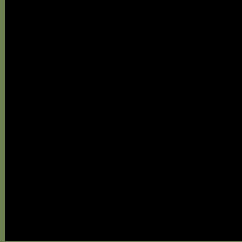
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2357, 0.3387, 0.4223

Background



This preview shows how black text looks on a background with the Yxy color 19.2357, 0.3387, 0.4223.



This preview shows how white text looks on a background with the Yxy color 19.2357, 0.3387, 0.4223.

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

19.2357, 0.3387, 0.4223

Protanopia

19.1448, 0.3774, 0.4068

Deuteranopia

19.0760, 0.3899, 0.3837



Tritanopia

19.2298, 0.2934, 0.3101

Trichromacy



Original Color

19.2357, 0.3387, 0.4223

Protanomaly

19.2054, 0.3623, 0.4136

Deuteranomaly

18.8983, 0.3707, 0.3964

Tritanomaly

19.0750, 0.3094, 0.3486

Monochromacy



Original Color

19.2357, 0.3387, 0.4223

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

18.2516, 0.3236, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2357, 0.3387, 0.4223 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(108, 128, 82)` looks like.

```
.text, #text, p{  
    color:rgb(108, 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(108, 128, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 128, 82) }
```

Border

The CSS property to change the border of an element to Yxy 19.2357, 0.3387, 0.4223 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(108, 128, 82) }
```

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

```
.border{ border-color:rgb(108, 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(108, 128, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 128, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 128, 82);  
box-shadow:4px 4px 4px 4px rgb(108, 128,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2357, 0.3387, 0.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 128, 82) }
```

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

```
.background{ background-color: rgb(108,  
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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