

Converting Colors

$Yxy(23.5344, 0.3387, 0.3907)$

Have a look what the booklet for
Yxy(23.5344, 0.3387, 0.3907)
contains.

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Color

Yxy(23.5377, 0.3392, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	818967
RGB	129, 137, 103
RGB Percent	51%, 54%, 40%
CMY	0.4941, 0.4627, 0.5961
CMYK	0.06, 0.00, 0.25, 0.46
HSL	74°, 14%, 47%
HSV	74°, 25%, 54%
XYZ	20.4456, 23.5377, 16.2925
YIQ	130.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

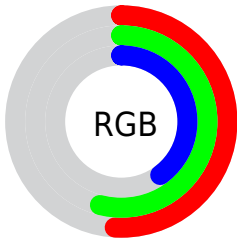
Format	Color
R_{YB}	103, 137, 111
Decimal	8489319
CIE _{Lab}	55.62, -9.13, 17.31
CIE _{LCh}	56, 19.566, 117.808
Yxy	23.5377, 0.3392, 0.3905
Android (android.graphics.Color)	4286679399 (0xFF818967)
YUV	130.7320, -13.6719, -1.5190
Hunter-Lab	48.5157, -9.6787, 14.0502

Details

The Yxy color $23.5377, 0.3392, 0.3905$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.8825, 0.2817, 0.2634$, and the grayscale version is $22.6440, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.1051, 0.3339, 0.3766$, and $8.7642, 0.3472, 0.4143$ is the 20% darker color. If you saturate the color by 10%, you get $23.0371, 0.3495, 0.4165$, and if you desaturate by 10%, it is $24.0934, 0.3285, 0.3649$.

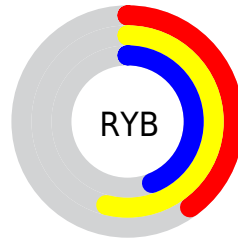
Distribution



Red (51%)

Green (54%)

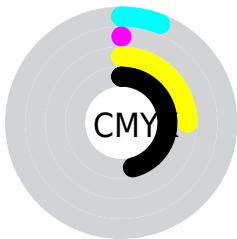
Blue (40%)



Red (40%)

Yellow (54%)

Blue (44%)

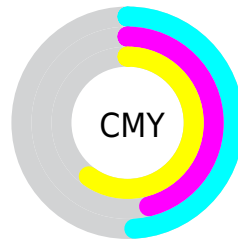


Cyan (6%)

Magenta (0%)

Yellow (25%)

Black (46%)



Cyan (49%)


Magenta (46%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5377, 0.3392, 0.3905 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 23.5377, 0.3392, 0.3905 by changing the saturation by 10% instead.


 23.5377, 0.3392,
0.3905


 23.5377, 0.3392,
0.3905


270.4748, 0.3249,
0.3556


 14.9910, 0.3431,
0.4009


 49.2747, 0.3338,
0.3767

 8.8131, 0.3482,
0.4154


 67.2339, 0.3318,
0.3718

 4.6195, 0.3551,
0.4370

 89.0994, 0.3302,
0.3679

 2.0258, 0.3669,
0.4752

 115.2555, 0.3288,
0.3646

 0.6224, 0.3720,
0.6280

146.0867, 0.3276,
0.3619

 0.0000, 0.0000,
0.0000

181.9774, 0.3266,

0.3595

223.3120, 0.3257,
0.3574

■ 23.5377, 0.3392,
0.3905

■ 23.5377, 0.3392,
0.3905

■ 23.0371, 0.3495,
0.4165

■ 24.0934, 0.3285,
0.3649

■ 22.5863, 0.3590,
0.4422

■ 24.7033, 0.3178,
0.3404

■ 22.1839, 0.3673,
0.4665

■ 25.3703, 0.3074,
0.3172

■ 21.8271, 0.3738,
0.4886

■ 26.0964, 0.2973,
0.2957

■ 21.5129, 0.3781,
0.5073

■ 26.8833, 0.2879,
0.2760

■ 21.2381, 0.3801,
0.5220

■ 27.7328, 0.2791,
0.2580

■ 20.9979, 0.3797,
0.5324

■ 28.6464, 0.2709,
0.2416

■ 20.8808, 0.3792,
0.5371

■ 29.6258, 0.2633,
0.2269

■ 30.6725, 0.2564,
0.2135

Harmonies

Analogous

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



23.5377, 0.3673, 0.3836



23.5377, 0.3392, 0.3905



23.5377, 0.3050, 0.3786

Triad

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



23.5377, 0.3392, 0.3905



23.5377, 0.2488, 0.2902



23.5377, 0.3515, 0.3076

Complementary

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



23.5377, 0.3392, 0.3905



14.8825, 0.2817, 0.2634

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.



23.5377, 0.3176, 0.2857



23.5377, 0.3392, 0.3905



23.5377, 0.2595, 0.2750

Square

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



23.5377, 0.3392, 0.3905



23.5377, 0.2539, 0.3177



23.5377, 0.2841, 0.2739



23.5377, 0.3751, 0.3351

Rectangle

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



23.5377, 0.3392, 0.3905



23.5377, 0.2835, 0.3613



23.5377, 0.2841, 0.2739



23.5377, 0.3408, 0.2994

Sweetspot

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



23.5387, 0.3392, 0.3905



43.9721, 0.3203, 0.3460



17.6495, 0.3591, 0.3437



9.8510, 0.3208, 0.3471



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.



23.5387, 0.3392, 0.3905



41.6145, 0.3453, 0.4057



22.3205, 0.3196, 0.3945



5.7866, 0.3224, 0.3508



19.4539, 0.3793, 0.5370



0.1359, 0.3994, 0.5210

Inverse Universe

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



14.8825, 0.2817, 0.2634



23.2550, 0.2730, 0.2459



16.0873, 0.3035, 0.2674



4.9454, 0.3025, 0.3067



1.9773, 0.1652, 0.0683



0.0189, 0.2049, 0.0902

Previews

White Background



This preview shows how the Yxy color 23.5377, 0.3392, 0.3905 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 23.5377, 0.3392, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

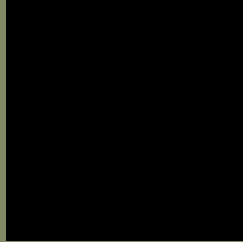
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5377, 0.3392, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 23.5377, 0.3392, 0.3905.



This preview shows how white text looks on a background with the Yxy color 23.5377, 0.3392, 0.3905.

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

23.5377, 0.3392, 0.3905

Protanopia

23.4654, 0.3586, 0.3844

Deuteranopia

23.4268, 0.3726, 0.3669



Tritanopia

23.5239, 0.3045, 0.3119

Trichromacy



Original Color

23.5377, 0.3392, 0.3905

Protanomaly

23.3279, 0.3509, 0.3854

Deuteranomaly

23.3431, 0.3611, 0.3751

Tritanomaly

23.5142, 0.3168, 0.3395

Monochromacy



Original Color

23.5377, 0.3392, 0.3905

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.9014, 0.3220, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5377, 0.3392, 0.3905 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(129, 137, 103)` looks like.

```
.text, #text, p{  
    color:rgb(129, 137, 103)  
}
```

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(129, 137, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 137, 103) }
```

Border

The CSS property to change the border of an element to Yxy 23.5377, 0.3392, 0.3905 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(129, 137, 103) }
```

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

```
.border{ border-color:rgb(129, 137, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 137, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 137, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 137, 103);  
box-shadow:4px 4px 4px 4px rgb(129, 137,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5377, 0.3392, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 137, 103) }
```

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

```
.background{ background-color: rgb(129,  
137, 103) }
```

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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