

Converting Colors

$Y_{xy}(23.3806, 0.3558, 0.3844)$

Have a look what the booklet for
Yxy(23.3806, 0.3558, 0.3844)
contains.

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Color

Yxy(23.2901, 0.3561, 0.3849)

Conversions

Conversions Part 1

Format	Color
Hex	8C8565
RGB	140, 133, 101
RGB Percent	55%, 52%, 40%
CMY	0.4511, 0.4784, 0.6039
CMYK	0.00, 0.05, 0.28, 0.45
HSL	49°, 16%, 47%
HSV	49°, 28%, 55%
XYZ	21.5474, 23.2901, 15.6720
YIQ	131.4450, 14.4440, -8.4680

Conversions

Conversions Part 2

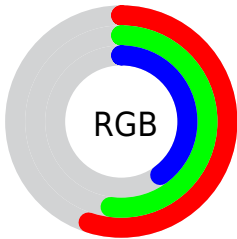
Format	Color
R_{YB}	110, 140, 101
Decimal	9209189
CIE _{Lab}	55.37, -2.75, 18.24
CIE _{LCh}	55, 18.445, 98.586
Yxy	23.2901, 0.3561, 0.3849
Android (android.graphics.Color)	4287399269 (0xFF8C8565)
YUV	131.4450, -15.0094, 7.5027
Hunter-Lab	48.2598, -4.7566, 14.5280

Details

The Yxy color **23.2901, 0.3561, 0.3849** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.3745, 0.2675, 0.2661**, and the grayscale version is **22.9145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8541, 0.3470, 0.3727**, and **8.7308, 0.3710, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **22.3640, 0.3729, 0.4052**, and if you desaturate by 10%, it is **24.2813, 0.3398, 0.3644**.

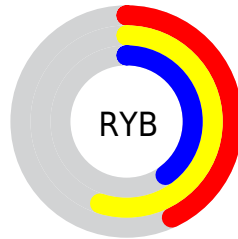
Distribution



Red (55%)

Green (52%)

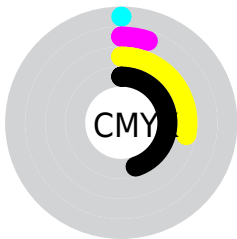
Blue (40%)



Red (43%)

Yellow (55%)

Blue (40%)

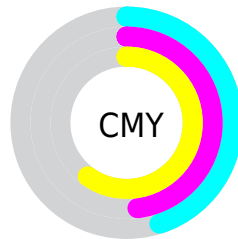


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (45%)



Cyan (45%)


Magenta (48%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2901, 0.3561, 0.3849 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 23.2901, 0.3561, 0.3849 by changing the saturation by 10% instead.


 23.2901, 0.3561,
0.3849


 23.2901, 0.3561,
0.3849


269.2115, 0.3322,
0.3536


 14.8079, 0.3629,
0.3940

 48.8692, 0.3468,
0.3727


 8.6846, 0.3720,
0.4064


 66.7349, 0.3435,
0.3683

 4.5361, 0.3850,
0.4244

 88.4972, 0.3408,
0.3648

 1.9777, 0.4088,
0.4575

 114.5405, 0.3385,
0.3618

 0.5945, 0.4558,
0.5442

145.2492, 0.3366,
0.3593

 0.0000, 0.0000,
0.0000

181.0076, 0.3349,

0.3572

222.2003, 0.3334,
0.3553

■ 23.2901, 0.3561,
0.3849

■ 23.2901, 0.3561,
0.3849

■ 22.3640, 0.3729,
0.4052

■ 24.2813, 0.3398,
0.3644

■ 21.4974, 0.3897,
0.4245

■ 25.3367, 0.3242,
0.3443

■ 20.6885, 0.4058,
0.4419

■ 26.4596, 0.3097,
0.3249

■ 19.9346, 0.4207,
0.4565

■ 27.6521, 0.2962,
0.3066

■ 19.2322, 0.4336,
0.4675

■ 28.9159, 0.2839,
0.2895

■ 18.5776, 0.4440,
0.4743

■ 30.2531, 0.2728,
0.2737

■ 17.9631, 0.4521,
0.4773

■ 31.6655, 0.2627,
0.2591

■ 17.8330, 0.4539,
0.4778

■ 33.1546, 0.2536,
0.2458

■ 34.7221, 0.2454,
0.2336

Harmonies

Analogous

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



23.2901, 0.3746, 0.3693



23.2901, 0.3561, 0.3849



23.2901, 0.3264, 0.3851

Triad

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



23.2901, 0.3561, 0.3849



23.2901, 0.2535, 0.3080



23.2901, 0.3294, 0.2944

Complementary

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



23.2901, 0.3561, 0.3849



15.3745, 0.2675, 0.2661

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.



23.2901, 0.2965, 0.2794



23.2901, 0.3561, 0.3849



23.2901, 0.2541, 0.2857

Square

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



23.2901, 0.3561, 0.3849



23.2901, 0.2678, 0.3384



23.2901, 0.2693, 0.2759



23.2901, 0.3590, 0.3178

Rectangle

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



23.2901, 0.3561, 0.3849



23.2901, 0.3047, 0.3752



23.2901, 0.2693, 0.2759



23.2901, 0.3183, 0.2883

Sweetspot

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



23.2912, 0.3561, 0.3849



44.6304, 0.3247, 0.3449



15.9661, 0.3600, 0.3162



10.2234, 0.3268, 0.3476



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



23.2912, 0.3561, 0.3849



40.1141, 0.3659, 0.3969



24.2461, 0.3387, 0.3993



5.6958, 0.3262, 0.3468



15.8795, 0.4537, 0.4780



0.1239, 0.4349, 0.4928

Inverse Universe

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



15.3745, 0.2675, 0.2661



23.9174, 0.2567, 0.2504



14.7336, 0.2812, 0.2551



5.0273, 0.2991, 0.3105



2.3216, 0.1555, 0.0798



0.0309, 0.1725, 0.1411

Previews

White Background



This preview shows how the Yxy color 23.2901, 0.3561, 0.3849 looks on a white background.

Color Contrast Check

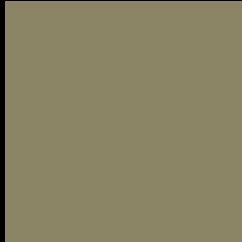
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2901, 0.3561, 0.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

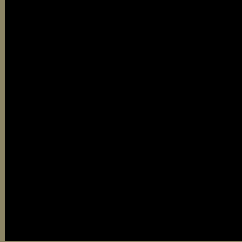
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2901, 0.3561, 0.3849

Background



This preview shows how black text looks on a background with the Yxy color 23.2901, 0.3561, 0.3849.



This preview shows how white text looks on a background with the Yxy color 23.2901, 0.3561, 0.3849.

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

23.2901, 0.3561, 0.3849

Protanopia

23.1929, 0.3591, 0.3828

Deuteranopia

23.2060, 0.3779, 0.3701



Tritanopia

23.2026, 0.3205, 0.3124

Trichromacy



Original Color

23.2901, 0.3561, 0.3849

Protanomaly

23.1048, 0.3578, 0.3830

Deuteranomaly

23.1439, 0.3693, 0.3745

Tritanomaly

23.2856, 0.3336, 0.3376

Monochromacy



Original Color

23.2901, 0.3561, 0.3849

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.9269, 0.3280, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2901, 0.3561, 0.3849 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(140, 133, 101)` looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 101)  
}
```

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(140, 133, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 101) }
```

Border

The CSS property to change the border of an element to Yxy 23.2901, 0.3561, 0.3849 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(140, 133, 101) }
```

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

```
.border{ border-color:rgb(140, 133, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 133, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 101);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2901, 0.3561, 0.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 101) }
```

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

```
.background{ background-color: rgb(140,  
133, 101) }
```

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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