

Converting Colors

$Y_{xy}(23.3967, 0.3734, 0.3960)$

Have a look what the booklet for
Yxy(23.3967, 0.3734, 0.3960)
contains.

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Color

Yxy(23.4038, 0.3730, 0.3954)

Conversions

Conversions Part 1

Format	Color
Hex	92845D
RGB	146, 132, 93
RGB Percent	57%, 52%, 36%
CMY	0.4275, 0.4823, 0.6353
CMYK	0.00, 0.10, 0.36, 0.43
HSL	44°, 22%, 47%
HSV	44°, 36%, 57%
XYZ	22.0779, 23.4038, 13.7084
YIQ	131.7400, 20.8630, -9.1610

Conversions

Conversions Part 2

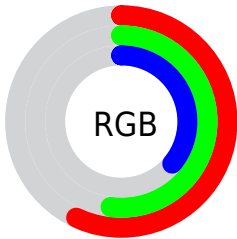
Format	Color
R _Y B	112, 146, 93
Decimal	9602141
CIE Lab	55.49, -0.77, 23.01
CIE LCh	55, 23.025, 91.920
Yxy	23.4038, 0.3730, 0.3954
Android (android.graphics.Color)	4287792221 (0xFF92845D)
YUV	131.7400, -19.0988, 12.5060
Hunter-Lab	48.3775, -3.1989, 17.0636

Details

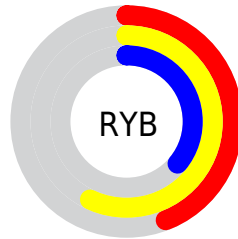
The Yxy color $23.4038, 0.3730, 0.3954$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.9090, 0.2529, 0.2521$, and the grayscale version is $23.0398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.1290, 0.3602, 0.3808$, and $8.7635, 0.3942, 0.4211$ is the 20% darker color. If you saturate the color by 10%, you get $22.1458, 0.3916, 0.4133$, and if you desaturate by 10%, it is $24.7518, 0.3550, 0.3768$.

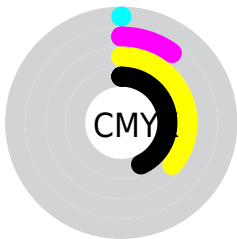
Distribution



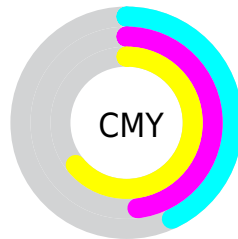
- Red (57%)
- Green (52%)
- Blue (36%)



- Red (44%)
- Yellow (57%)
- Blue (36%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)
- Black (43%)





- Cyan (43%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4038, 0.3730, 0.3954 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 23.4038, 0.3730, 0.3954 by changing the saturation by 10% instead.


 23.4038, 0.3730,
0.3954


 23.4038, 0.3730,
0.3954


269.7923, 0.3398,
0.3587


 14.8920, 0.3823,
0.4057


 49.0555, 0.3602,
0.3812


 8.7436, 0.3947,
0.4196


 66.9642, 0.3556,
0.3761

 4.5743, 0.4119,
0.4390

 88.7739, 0.3518,
0.3719

 1.9997, 0.4528,
0.4847

 114.8691, 0.3486,
0.3684

 0.6073, 0.4790,
0.5210

145.6341, 0.3459,
0.3654

 0.0000, 0.0000,
0.0000

181.4534, 0.3436,

0.3629

222.7113, 0.3416,
0.3607

■ 23.4038, 0.3730,
0.3954

■ 23.4038, 0.3730,
0.3954

■ 22.1458, 0.3916,
0.4133

■ 24.7518, 0.3550,
0.3768

■ 20.9714, 0.4102,
0.4297

■ 26.1897, 0.3379,
0.3581

■ 19.8781, 0.4280,
0.4436

■ 27.7212, 0.3220,
0.3400

■ 18.8621, 0.4444,
0.4539

■ 29.3491, 0.3075,
0.3227

■ 17.9189, 0.4584,
0.4600

■ 31.0758, 0.2942,
0.3064

■ 17.0418, 0.4698,
0.4617

■ 32.9038, 0.2823,
0.2913

■ 16.7285, 0.4739,
0.4619

■ 34.8354, 0.2716,
0.2773

■ 36.8728, 0.2619,
0.2645

■ 39.0181, 0.2533,
0.2527

Harmonies

Analogous

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



23.4038, 0.3921, 0.3719



23.4038, 0.3730, 0.3954



23.4038, 0.3381, 0.4015

Triad

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



23.4038, 0.3730, 0.3954



23.4038, 0.2421, 0.3101



23.4038, 0.3240, 0.2814

Complementary

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



23.4038, 0.3730, 0.3954



14.9090, 0.2529, 0.2521

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.



23.4038, 0.2839, 0.2659



23.4038, 0.3730, 0.3954



23.4038, 0.2388, 0.2798

Square

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



23.4038, 0.3730, 0.3954



23.4038, 0.2631, 0.3494



23.4038, 0.2535, 0.2647



23.4038, 0.3632, 0.3079

Rectangle

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



23.4038, 0.3730, 0.3954



23.4038, 0.3112, 0.3927



23.4038, 0.2535, 0.2647



23.4038, 0.3101, 0.2748

Sweetspot

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



23.4049, 0.3730, 0.3954



47.5668, 0.3297, 0.3489



15.0011, 0.3738, 0.3043



10.5109, 0.3316, 0.3510



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



23.4049, 0.3730, 0.3954



39.3836, 0.3890, 0.4109



26.3779, 0.3513, 0.4208



6.4886, 0.3265, 0.3452



14.7634, 0.4735, 0.4622



0.2289, 0.4440, 0.4857

Inverse Universe

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



14.9090, 0.2529, 0.2521



22.0285, 0.2372, 0.2300



12.9276, 0.2636, 0.2276



5.8669, 0.2989, 0.3122



3.1061, 0.1598, 0.0954



0.0807, 0.1811, 0.1718

Previews

White Background



This preview shows how the Yxy color 23.4038, 0.3730, 0.3954 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 23.4038, 0.3730, 0.3954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

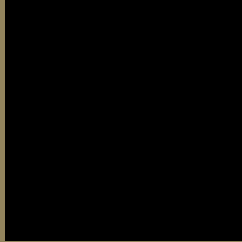
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4038, 0.3730, 0.3954

Background



This preview shows how black text looks on a background with the Yxy color 23.4038, 0.3730, 0.3954.



This preview shows how white text looks on a background with the Yxy color 23.4038, 0.3730, 0.3954.

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

23.4038, 0.3730, 0.3954

Protanopia

23.4050, 0.3687, 0.3979

Deuteranopia

23.2560, 0.3900, 0.3825



Tritanopia

23.2786, 0.3314, 0.3128

Trichromacy



Original Color

23.4038, 0.3730, 0.3954

Protanomaly

23.4947, 0.3700, 0.3976

Deuteranomaly

23.3787, 0.3837, 0.3867

Tritanomaly

23.1840, 0.3472, 0.3425

Monochromacy



Original Color

23.4038, 0.3730, 0.3954

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.1289, 0.3338, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4038, 0.3730, 0.3954 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(146, 132, 93)` looks like.

```
.text, #text, p{  
    color:rgb(146, 132, 93)  
}
```

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(146, 132, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 132, 93) }
```

Border

The CSS property to change the border of an element to Yxy 23.4038, 0.3730, 0.3954 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(146, 132, 93) }
```

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

```
.border{ border-color:rgb(146, 132, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 132, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 132, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 132, 93);  
box-shadow:4px 4px 4px 4px rgb(146, 132,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4038, 0.3730, 0.3954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 132, 93) }
```

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

```
.background{ background-color: rgb(146,  
132, 93) }
```

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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