

Converting Colors

$Y_{xy}(23.0611, 0.3120, 0.4392)$

Have a look what the booklet for
Yxy(23.0611, 0.3120, 0.4392)
contains.

Yxy(23.0475, 0.3124, 0.4392)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.0475, 0.3124, 0.4392)

Conversions

Conversions Part 1

Format	Color
Hex	5E9059
RGB	94, 144, 89
RGB Percent	37%, 56%, 35%
CMY	0.6313, 0.4353, 0.6510
CMYK	0.35, 0.00, 0.38, 0.44
HSL	115°, 24%, 46%
HSV	115°, 38%, 56%
XYZ	16.3935, 23.0475, 13.0351
YIQ	122.7800, -12.1450, -27.7050

Conversions

Conversions Part 2

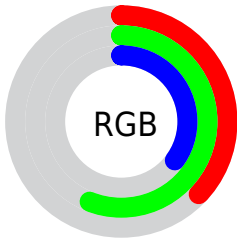
Format	Color
RYB	89, 144, 139
Decimal	6197337
CIELab	55.12, -28.23, 24.05
CIElCh	55, 37.090, 139.573
Yxy	23.0475, 0.3124, 0.4392
Android (android.graphics.Color)	4284387417 (0xFF5E9059)
YUV	122.7800, -16.6535, -25.2401
Hunter-Lab	48.0078, -23.0601, 17.5071

Details

The Yxy color **23.0475, 0.3124, 0.4392** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.6457, 0.3100, 0.2359**, and the grayscale version is **19.7913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.3926, 0.3133, 0.4122**, and **8.5313, 0.3077, 0.4887** is the 20% darker color. If you saturate the color by 10%, you get **22.1954, 0.3116, 0.4731**, and if you desaturate by 10%, it is **24.0662, 0.3128, 0.4066**.

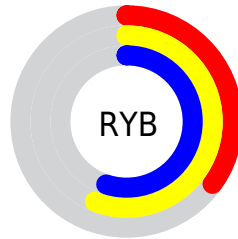
Distribution



Red (37%)

Green (56%)

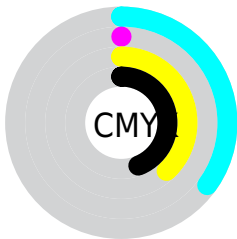
Blue (35%)



Red (35%)

Yellow (56%)

Blue (55%)

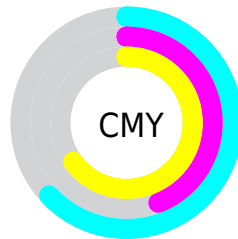


Cyan (35%)

Magenta (0%)

Yellow (38%)

Black (44%)



Cyan (63%)


Magenta (44%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0475, 0.3124, 0.4392 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 23.0475, 0.3124, 0.4392 by changing the saturation by 10% instead.


 23.0475, 0.3124,
0.4392


 23.0475, 0.3124,
0.4392


267.9689, 0.3144,
0.3747


 14.6286, 0.3107,
0.4594


 48.4713, 0.3138,
0.4130

 8.5591, 0.3075,
0.4882


 66.2450, 0.3141,
0.4040


 4.4548, 0.3006,
0.5322

 87.9057, 0.3143,
0.3968

 1.9311, 0.3036,
0.6490

 113.8379, 0.3144,
0.3908

 0.5670, 0.0000,
1.0000

 144.4259, 0.3144,
0.3858

 0.0000, 0.0000,
0.0000

180.0541, 0.3145,

0.3815

221.1070, 0.3144,
0.3779

■ 23.0475, 0.3124,
0.4392

■ 23.0475, 0.3124,
0.4392

■ 22.1954, 0.3116,
0.4731

■ 24.0662, 0.3128,
0.4066

■ 21.4984, 0.3104,
0.5068

■ 25.2565, 0.3130,
0.3764

■ 20.9477, 0.3088,
0.5379

■ 26.6271, 0.3129,
0.3491


■ 20.5331, 0.3068,
0.5641


■ 28.1850, 0.3127,
0.3249

■ 20.2424, 0.3047,
0.5835


■ 29.9368, 0.3123,
0.3036

 20.0582, 0.3028,
0.5959

 31.8889, 0.3119,
0.2851

 20.0333, 0.3027,
0.5979

 34.0475, 0.3114,
0.2691

 36.4182, 0.3109,
0.2551

 39.0068, 0.3104,
0.2431

Harmonies

Analogous

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



23.0475, 0.3752, 0.4469



23.0475, 0.3124, 0.4392



23.0475, 0.2529, 0.3892

Triad

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



23.0475, 0.3124, 0.4392



23.0475, 0.2084, 0.2343



23.0475, 0.4233, 0.3221

Complementary

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



23.0475, 0.3124, 0.4392



14.6457, 0.3100, 0.2359

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.



23.0475, 0.3690, 0.2771



23.0475, 0.3124, 0.4392



23.0475, 0.2444, 0.2283

Square

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



23.0475, 0.3124, 0.4392



23.0475, 0.1972, 0.2652



23.0475, 0.3018, 0.2438



23.0475, 0.4434, 0.3719

Rectangle

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



23.0475, 0.3124, 0.4392



23.0475, 0.2230, 0.3435



23.0475, 0.3018, 0.2438



23.0475, 0.4082, 0.3062

Sweetspot

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



23.0485, 0.3124, 0.4392



46.1968, 0.3130, 0.3570



24.9715, 0.3712, 0.4126



10.5265, 0.3130, 0.3602



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.



23.0485, 0.3124, 0.4392



39.3202, 0.3117, 0.4689



23.2182, 0.2884, 0.3948



6.0514, 0.3129, 0.3516



17.4504, 0.3028, 0.5977



0.1706, 0.3160, 0.5873

Inverse Universe

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



14.6457, 0.3100, 0.2359



22.2714, 0.3089, 0.2155



14.4790, 0.3488, 0.2717



5.4864, 0.3124, 0.3072



5.9514, 0.2987, 0.1419



0.0616, 0.3104, 0.1484

Previews

White Background



This preview shows how the Yxy color 23.0475, 0.3124, 0.4392 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 23.0475, 0.3124, 0.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

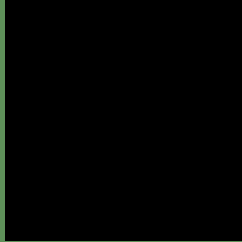
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0475, 0.3124, 0.4392

Background



This preview shows how black text looks on a background with the Yxy color 23.0475, 0.3124, 0.4392.



This preview shows how white text looks on a background with the Yxy color 23.0475, 0.3124, 0.4392.

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

23.0475, 0.3124, 0.4392

Protanopia

22.7123, 0.3797, 0.4098

Deuteranopia

22.7799, 0.3893, 0.3831



Tritanopia

23.0327, 0.2698, 0.3089

Trichromacy



Original Color

23.0475, 0.3124, 0.4392

Protanomaly

22.6402, 0.3523, 0.4212

Deuteranomaly

22.5343, 0.3573, 0.4028

Tritanomaly

23.0552, 0.2850, 0.3537

Monochromacy



Original Color

23.0475, 0.3124, 0.4392

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

20.8250, 0.3120, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0475, 0.3124, 0.4392 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(94, 144, 89)` looks like.

```
.text, #text, p{  
    color:rgb(94, 144, 89)  
}
```

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(94, 144, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 144, 89) }
```

Border

The CSS property to change the border of an element to Yxy 23.0475, 0.3124, 0.4392 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(94, 144, 89) }
```

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

```
.border{ border-color:rgb(94, 144, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 144, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 144, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 144, 89);  
box-shadow:4px 4px 4px 4px rgb(94, 144,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0475, 0.3124, 0.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 144, 89) }
```

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

```
.background{ background-color: rgb(94, 144,  
89) }
```

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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