

Converting Colors

$Yxy(23.9124, 0.3291, 0.5347)$

Have a look what the booklet for
Yxy(23.9124, 0.3291, 0.5347)
contains.

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Color

Yxy(23.9699, 0.3285, 0.5346)

Conversions

Conversions Part 1

Format	Color
Hex	4F972B
RGB	79, 151, 43
RGB Percent	31%, 59%, 17%
CMY	0.6901, 0.4078, 0.8313
CMYK	0.48, 0.00, 0.72, 0.41
HSL	100°, 56%, 38%
HSV	100°, 72%, 59%
XYZ	14.7290, 23.9699, 6.1382
YIQ	117.1600, -8.2440, -48.8520

Conversions

Conversions Part 2

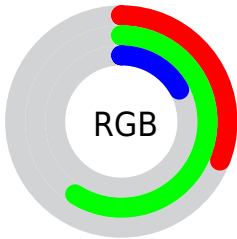
Format	Color
RYB	43, 151, 115
Decimal	5216043
CIELab	56.06, -42.03, 47.55
CIElCh	56, 63.462, 131.473
Yxy	23.9699, 0.3285, 0.5346
Android (android.graphics.Color)	4283406123 (0xFF4F972B)
YUV	117.1600, -36.5609, -33.4663
Hunter-Lab	48.9591, -31.9779, 26.8379

Details

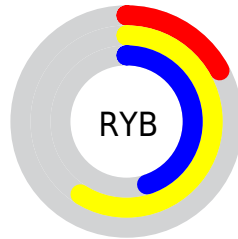
The Yxy color **23.9699, 0.3285, 0.5346** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7.6092, 0.2643, 0.1487**, and the grayscale version is **17.9620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0372, 0.3308, 0.4872**, and **9.0338, 0.3075, 0.5941** is the 20% darker color. If you saturate the color by 10%, you get **23.4802, 0.3260, 0.5576**, and if you desaturate by 10%, it is **24.5681, 0.3294, 0.5071**.

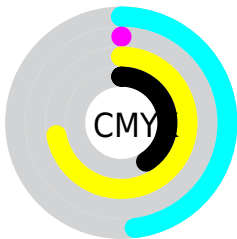
Distribution



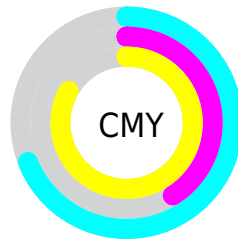
- Red (31%)
- Green (59%)
- Blue (17%)



- Red (17%)
- Yellow (59%)
- Blue (45%)



- Cyan (48%)
- Magenta (0%)
- Yellow (72%)
- Black (41%)




- Cyan (69%)
- Magenta (41%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9699, 0.3285, 0.5346 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 23.9699, 0.3285, 0.5346 by changing the saturation by 10% instead.


 23.9699, 0.3285,
0.5346

 23.9699, 0.3285,
0.5346


272.6683, 0.3272,
0.4147


 15.3113, 0.3241,
0.5695


 49.9811, 0.3308,
0.4870


 9.0382, 0.3143,
0.6160


 68.1024, 0.3307,
0.4703

 4.7661, 0.3011,
0.6989

 90.1468, 0.3303,
0.4567

 2.1107, 0.2392,
0.7608

 116.4987, 0.3297,
0.4454

 0.6706, 0.0000,
1.0000

 147.5423, 0.3291,
0.4359

 0.0000, 0.0000,
0.0000

 183.6622, 0.3285,

0.4278

225.2427, 0.3278,
0.4208

■ 23.9699, 0.3285,
0.5346

■ 23.9699, 0.3285,
0.5346

■ 23.4802, 0.3260,
0.5576

■ 24.5681, 0.3294,
0.5071

■ 23.0881, 0.3220,
0.5747

■ 25.2785, 0.3289,
0.4768

■ 22.8198, 0.3182,
0.5856

■ 26.1083, 0.3271,
0.4454

■ 27.0632, 0.3244,
0.4145

■ 28.1484, 0.3210,
0.3849

■ 29.3690, 0.3173,
0.3575

■ 30.7295, 0.3133,
0.3325

■ 32.2344, 0.3093,
0.3101

■ 33.8881, 0.3054,
0.2900

Harmonies

Analogous

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



23.9699, 0.4250, 0.5064



23.9699, 0.3285, 0.5346



23.9699, 0.2330, 0.4677

Triad

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



23.9699, 0.3285, 0.5346



23.9699, 0.1456, 0.1873



23.9699, 0.4787, 0.2913

Complementary

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



23.9699, 0.3285, 0.5346



7.6092, 0.2643, 0.1487

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.



23.9699, 0.3737, 0.2311



23.9699, 0.3285, 0.5346



23.9699, 0.1863, 0.1739

Square

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



23.9699, 0.3285, 0.5346



23.9699, 0.1379, 0.2388



23.9699, 0.2640, 0.1898



23.9699, 0.5256, 0.3607

Rectangle

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



23.9699, 0.3285, 0.5346



23.9699, 0.1834, 0.3830



23.9699, 0.2640, 0.1898



23.9699, 0.4479, 0.2698

Sweetspot

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



23.9709, 0.3285, 0.5346



50.4283, 0.3210, 0.3847



18.6109, 0.4489, 0.4368



11.3449, 0.3219, 0.3920



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



23.9709, 0.3285, 0.5346



41.5943, 0.3236, 0.5690



22.9653, 0.2939, 0.5249



7.0206, 0.3164, 0.3516



19.4279, 0.3186, 0.5852



0.3089, 0.3512, 0.5594

Inverse Universe

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



7.6092, 0.2643, 0.1487



10.3881, 0.2500, 0.1223



10.0528, 0.3467, 0.1938



6.2204, 0.3087, 0.3067



4.2538, 0.2401, 0.1096



0.0833, 0.2773, 0.1301

Previews

White Background



This preview shows how the Yxy color 23.9699, 0.3285, 0.5346 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 23.9699, 0.3285, 0.5346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

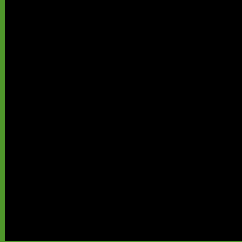
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9699, 0.3285, 0.5346

Background



This preview shows how black text looks on a background with the Yxy color 23.9699, 0.3285, 0.5346.



This preview shows how white text looks on a background with the Yxy color 23.9699, 0.3285, 0.5346.

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

23.9699, 0.3285, 0.5346

Protanopia

23.6807, 0.4251, 0.4688

Deuteranopia

23.5337, 0.4433, 0.4358



Tritanopia

23.8581, 0.2605, 0.3089

Trichromacy



Original Color

23.9699, 0.3285, 0.5346

Protanomaly

23.1945, 0.3862, 0.4956

Deuteranomaly

22.8984, 0.3965, 0.4731

Tritanomaly

23.5943, 0.2886, 0.3943

Monochromacy



Original Color

23.9699, 0.3285, 0.5346

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

19.3223, 0.3239, 0.4093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9699, 0.3285, 0.5346 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(79, 151, 43)` looks like.

```
.text, #text, p{  
    color:rgb(79, 151, 43)  
}
```

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(79, 151, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 151, 43) }
```

Border

The CSS property to change the border of an element to Yxy 23.9699, 0.3285, 0.5346 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(79, 151, 43) }
```

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

```
.border{ border-color:rgb(79, 151, 43) }
```

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

Here you see how a box with a 4 pixel rgb(79, 151, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 151, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 151, 43);  
box-shadow:4px 4px 4px 4px rgb(79, 151,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9699, 0.3285, 0.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 151, 43) }
```

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

```
.background{ background-color: rgb(79, 151,  
43) }
```

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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