

Converting Colors

$Y_{xy}(25.2969, 0.4019, 0.4594)$

Have a look what the booklet for
Yxy(25.2969, 0.4019, 0.4594)
contains.

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Color

Yxy(25.2546, 0.4028, 0.4593)

Conversions

Conversions Part 1

Format	Color
Hex	938C39
RGB	147, 140, 57
RGB Percent	58%, 55%, 22%
CMY	0.4236, 0.4510, 0.7763
CMYK	0.00, 0.05, 0.61, 0.42
HSL	55°, 44%, 40%
HSV	55°, 61%, 58%
XYZ	22.1479, 25.2546, 7.5824
YIQ	132.6310, 30.8150, -24.3290

Conversions

Conversions Part 2

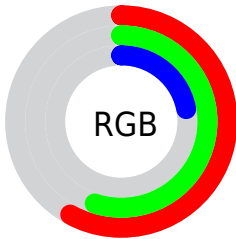
Format	Color
RYB	65, 147, 57
Decimal	9669689
CIELab	57.32, -8.36, 44.13
CIElCh	57, 44.920, 100.731
Yxy	25.2546, 0.4028, 0.4593
Android (android.graphics.Color)	4287859769 (0xFF938C39)
YUV	132.6310, -37.2861, 12.6016
Hunter-Lab	50.2540, -9.2758, 26.2320

Details

The Yxy color **25.2546, 0.4028, 0.4593** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.6452, 0.2004, 0.1515**, and the grayscale version is **23.4450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9191, 0.3864, 0.4323**, and **9.6964, 0.4254, 0.4980** is the 20% darker color. If you saturate the color by 10%, you get **24.7981, 0.4140, 0.4739**, and if you desaturate by 10%, it is **25.7594, 0.3896, 0.4414**.

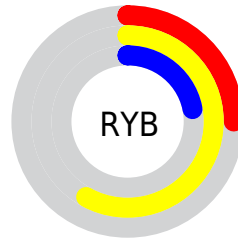
Distribution



Red (58%)

Green (55%)

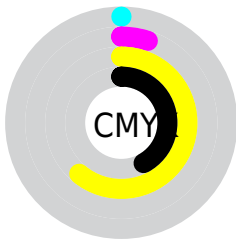
Blue (22%)



Red (25%)

Yellow (58%)

Blue (22%)

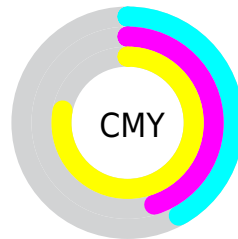


Cyan (0%)

Magenta (5%)

Yellow (61%)

Black (42%)



Cyan (42%)


Magenta (45%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2546, 0.4028, 0.4593 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 25.2546, 0.4028, 0.4593 by changing the saturation by 10% instead.


 25.2546, 0.4028,
0.4593


 25.2546, 0.4028,
0.4593


279.1035, 0.3568,
0.3891


 16.2668, 0.4131,
0.4771


 52.0700, 0.3866,
0.4332


 9.7132, 0.4245,
0.4991


 70.6663, 0.3802,
0.4235


 5.2092, 0.4434,
0.5352

 93.2344, 0.3748,
0.4154

 2.3705, 0.4426,
0.5574

 120.1585, 0.3702,
0.4085

 0.8107, 0.4113,
0.5887

 151.8231, 0.3662,
0.4026

 0.0000, 0.0000,
0.0000

 188.6125, 0.3627,

0.3975

230.9112, 0.3596,
0.3930

■ 25.2546, 0.4028,
0.4593

■ 25.2546, 0.4028,
0.4593

■ 24.7981, 0.4140,
0.4739

■ 25.7594, 0.3896,
0.4414

■ 24.3825, 0.4229,
0.4845

■ 26.3123, 0.3751,
0.4210

■ 24.0046, 0.4292,
0.4909

■ 26.9175, 0.3598,
0.3991

■ 23.6928, 0.4333,
0.4942

■ 27.5778, 0.3444,
0.3764

■ 28.2956, 0.3291,
0.3537

■ 29.0734, 0.3144,
0.3316

■ 29.9135, 0.3006,
0.3105

■ 30.8179, 0.2877,
0.2907

■ 31.7886, 0.2758,
0.2723

Harmonies

Analogous

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



25.2546, 0.4525, 0.4149



25.2546, 0.4028, 0.4593



25.2546, 0.3325, 0.4685

Triad

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



25.2546, 0.4028, 0.4593



25.2546, 0.1820, 0.2695



25.2546, 0.3551, 0.2561

Complementary

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



25.2546, 0.4028, 0.4593



6.6452, 0.2004, 0.1515

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.



25.2546, 0.2777, 0.2239



25.2546, 0.4028, 0.4593



25.2546, 0.1863, 0.2264

Square

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



25.2546, 0.4028, 0.4593



25.2546, 0.2069, 0.3419



25.2546, 0.2186, 0.2127



25.2546, 0.4272, 0.3036

Rectangle

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



25.2546, 0.4028, 0.4593



25.2546, 0.2836, 0.4438



25.2546, 0.2186, 0.2127



25.2546, 0.3284, 0.2433

Sweetspot

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



25.2558, 0.4028, 0.4593



49.7517, 0.3400, 0.3699



9.5076, 0.4820, 0.3175



11.2808, 0.3441, 0.3760



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.2558, 0.4028, 0.4593



44.1657, 0.4172, 0.4778



24.4420, 0.3533, 0.4923



6.6685, 0.3261, 0.3492



20.5611, 0.4332, 0.4942



0.2701, 0.4256, 0.5002

Inverse Universe

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



6.6452, 0.2004, 0.1515



7.9894, 0.1774, 0.1127



7.4428, 0.2411, 0.1574



5.7010, 0.2989, 0.3079



2.0584, 0.1519, 0.0668



0.0395, 0.1607, 0.0985

Previews

White Background



This preview shows how the Yxy color 25.2546, 0.4028, 0.4593 looks on a white background.

Color Contrast Check

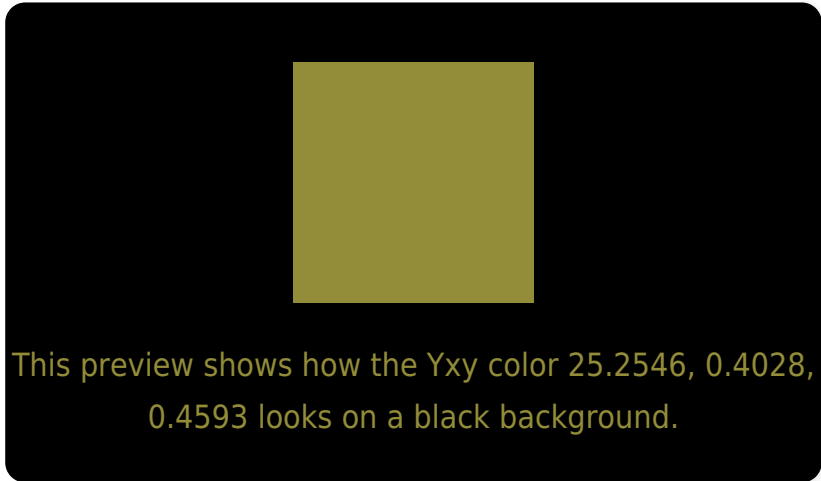
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

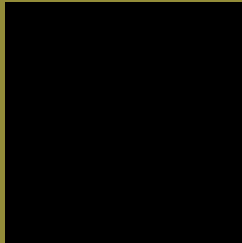
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2546, 0.4028, 0.4593

Background



This preview shows how black text looks on a background with the Yxy color 25.2546, 0.4028, 0.4593.



This preview shows how white text looks on a background with the Yxy color 25.2546, 0.4028, 0.4593.

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

25.2546, 0.4028, 0.4593

Protanopia

25.2348, 0.4127, 0.4541

Deuteranopia

25.2168, 0.4380, 0.4294



Tritanopia

25.1542, 0.3285, 0.3116

Trichromacy



Original Color

25.2546, 0.4028, 0.4593

Protanomaly

25.3301, 0.4094, 0.4566

Deuteranomaly

25.0473, 0.4251, 0.4397

Tritanomaly

24.8733, 0.3592, 0.3670

Monochromacy



Original Color

25.2546, 0.4028, 0.4593

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.0315, 0.3481, 0.3832

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2546, 0.4028, 0.4593 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(147, 140, 57)` looks like.

```
.text, #text, p{  
    color:rgb(147, 140, 57)  
}
```

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(147, 140, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 140, 57) }
```

Border

The CSS property to change the border of an element to Yxy 25.2546, 0.4028, 0.4593 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(147, 140, 57) }
```

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

```
.border{ border-color:rgb(147, 140, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 140, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 140, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 140, 57);  
box-shadow:4px 4px 4px 4px rgb(147, 140,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2546, 0.4028, 0.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 140, 57) }
```

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

```
.background{ background-color: rgb(147,  
140, 57) }
```

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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