

Converting Colors

$Y_{xy}(25.1660, 0.4345, 0.4526)$

Have a look what the booklet for
Yxy(25.1660, 0.4345, 0.4526)
contains.

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Color

Yxy(25.3197, 0.4344, 0.4530)

Conversions

Conversions Part 1

Format	Color
Hex	A3872F
RGB	163, 135, 47
RGB Percent	64%, 53%, 18%
CMY	0.3608, 0.4706, 0.8158
CMYK	0.00, 0.17, 0.71, 0.36
HSL	46°, 55%, 41%
HSV	46°, 71%, 64%
XYZ	24.2801, 25.3197, 6.2936
YIQ	133.3400, 44.9360, -21.4320

Conversions

Conversions Part 2

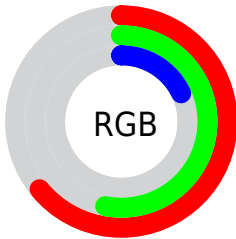
Format	Color
R_{YB}	84, 163, 47
Decimal	10716975
CIE _{Lab}	57.39, 0.94, 49.20
CIE _{LCh}	57, 49.207, 88.909
Yxy	25.3197, 0.4344, 0.4530
Android (android.graphics.Color)	4288907055 (0xFFA3872F)
YUV	133.3400, -42.5656, 26.0118
Hunter-Lab	50.3187, -1.9268, 27.8074

Details

The Yxy color **25.3197, 0.4344, 0.4530** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.2745, 0.1897, 0.1525**, and the grayscale version is **23.7315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2204, 0.4125, 0.4308**, and **9.8437, 0.4583, 0.4743** is the 20% darker color. If you saturate the color by 10%, you get **24.1360, 0.4488, 0.4615**, and if you desaturate by 10%, it is **26.5955, 0.4179, 0.4405**.

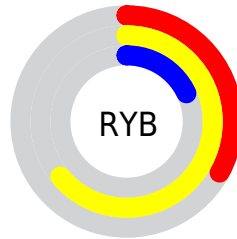
Distribution



Red (64%)

Green (53%)

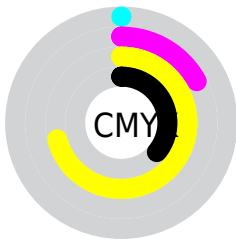
Blue (18%)



Red (33%)

Yellow (64%)

Blue (18%)

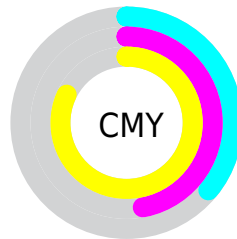


Cyan (0%)

Magenta (17%)

Yellow (71%)

Black (36%)



Cyan (36%)


Magenta (47%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3197, 0.4344, 0.4530 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 25.3197, 0.4344, 0.4530 by changing the saturation by 10% instead.


 25.3197, 0.4344,
0.4530


 25.3197, 0.4344,
0.4530


 279.4263, 0.3718,
0.3896


 16.3154, 0.4485,
0.4670


 52.1754, 0.4122,
0.4307

 9.7476, 0.4644,
0.4826


 70.7956, 0.4036,
0.4220


 5.2319, 0.4910,
0.5090

 93.3899, 0.3963,
0.4146

 2.3840, 0.4922,
0.5078

 120.3426, 0.3900,
0.4081

 0.8176, 0.4946,
0.5054

 152.0382, 0.3845,
0.4026

 0.0000, 0.0000,
0.0000

 188.8612, 0.3797,

0.3977

231.1957, 0.3755,
0.3934

■ 25.3197, 0.4344,
0.4530

■ 25.3197, 0.4344,
0.4530

■ 24.1360, 0.4488,
0.4615

■ 26.5955, 0.4179,
0.4405

■ 23.0345, 0.4605,
0.4653

■ 27.9650, 0.4002,
0.4249

■ 22.1203, 0.4690,
0.4658

■ 29.4342, 0.3819,
0.4071

■ 31.0075, 0.3637,
0.3881

■ 32.6887, 0.3462,
0.3687

■ 34.4815, 0.3297,
0.3496

■ 36.3894, 0.3144,
0.3311

■ 38.4157, 0.3004,
0.3137

■ 40.5634, 0.2877,
0.2973

Harmonies

Analogous

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



25.3197, 0.4753, 0.3966



25.3197, 0.4344, 0.4530



25.3197, 0.3642, 0.4845

Triad

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



25.3197, 0.4344, 0.4530



25.3197, 0.1782, 0.2908



25.3197, 0.3240, 0.2343

Complementary

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



25.3197, 0.4344, 0.4530



8.2745, 0.1897, 0.1525

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.



25.3197, 0.2459, 0.2082



25.3197, 0.4344, 0.4530



25.3197, 0.1712, 0.2316

Square

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



25.3197, 0.4344, 0.4530



25.3197, 0.2170, 0.3792



25.3197, 0.1939, 0.2058



25.3197, 0.4097, 0.2794

Rectangle

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



25.3197, 0.4344, 0.4530



25.3197, 0.3109, 0.4755



25.3197, 0.1939, 0.2058



25.3197, 0.2958, 0.2232

Sweetspot

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



25.3209, 0.4344, 0.4530



58.4825, 0.3466, 0.3691



10.3383, 0.4884, 0.2898



12.9538, 0.3511, 0.3742



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.3209, 0.4344, 0.4530



42.1468, 0.4554, 0.4641



31.4649, 0.3755, 0.5040



7.9464, 0.3267, 0.3460



17.2657, 0.4684, 0.4663



0.4291, 0.4475, 0.4829

Inverse Universe

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



8.2745, 0.1897, 0.1525



10.0906, 0.1694, 0.1143



6.2106, 0.2035, 0.1192



7.1246, 0.2987, 0.3115



3.2609, 0.1583, 0.0899



0.1367, 0.1767, 0.1561

Previews

White Background



This preview shows how the Yxy color 25.3197, 0.4344, 0.4530 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 25.3197, 0.4344, 0.4530 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 25.3197, 0.4344, 0.4530

Background



This preview shows how black text looks on a background with the Yxy color 25.3197, 0.4344, 0.4530.



This preview shows how white text looks on a background with the Yxy color 25.3197, 0.4344, 0.4530.

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

25.3197, 0.4344, 0.4530

Protanopia

25.2604, 0.4198, 0.4620

Deuteranopia

25.2167, 0.4487, 0.4409



Tritanopia

25.2453, 0.3543, 0.3140

Trichromacy



Original Color

25.3197, 0.4344, 0.4530

Protanomaly

25.2728, 0.4244, 0.4587

Deuteranomaly

25.1509, 0.4441, 0.4442

Tritanomaly

24.9155, 0.3881, 0.3679

Monochromacy



Original Color

25.3197, 0.4344, 0.4530

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9388, 0.3595, 0.3838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3197, 0.4344, 0.4530 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(163, 135, 47)` looks like.

```
.text, #text, p{  
    color:rgb(163, 135, 47)  
}
```

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(163, 135, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 135, 47) }
```

Border

The CSS property to change the border of an element to Yxy 25.3197, 0.4344, 0.4530 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(163, 135, 47) }
```

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

```
.border{ border-color:rgb(163, 135, 47) }
```

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

Here you see how a box with a 4 pixel rgb(163, 135, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 135, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 135, 47);  
box-shadow:4px 4px 4px 4px rgb(163, 135,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3197, 0.4344, 0.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 135, 47) }
```

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

```
.background{ background-color: rgb(163,  
135, 47) }
```

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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