

Converting Colors

$Y_{xy}(25.4206, 0.4197, 0.4991)$

Have a look what the booklet for
Yxy(25.4206, 0.4197, 0.4991)
contains.

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Color

Yxy(25.3923, 0.4205, 0.4986)

Conversions

Conversions Part 1

Format	Color
Hex	918E0C
RGB	145, 142, 12
RGB Percent	57%, 56%, 5%
CMY	0.4314, 0.4431, 0.9529
CMYK	0.00, 0.02, 0.92, 0.43
HSL	59°, 85%, 31%
HSV	59°, 92%, 57%
XYZ	21.4149, 25.3923, 4.1200
YIQ	128.0770, 43.5180, -39.7940

Conversions

Conversions Part 2

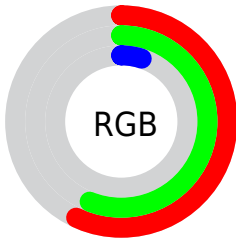
Format	Color
RYB	15, 145, 12
Decimal	9539084
CIELab	57.46, -12.37, 59.50
CIELCh	57, 60.776, 101.744
Yxy	25.3923, 0.4205, 0.4986
Android (android.graphics.Color)	4287729164 (0xFF918E0C)
YUV	128.0770, -57.2260, 14.8415
Hunter-Lab	50.3908, -12.3256, 30.4259

Details

The Yxy color **25.3923, 0.4205, 0.4986** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.4632, 0.1558, 0.0706**, and the grayscale version is **21.8059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0948, 0.4046, 0.4669**, and **9.8280, 0.4158, 0.5080** is the 20% darker color. If you saturate the color by 10%, you get **25.2870, 0.4232, 0.5022**, and if you desaturate by 10%, it is **25.5406, 0.4158, 0.4918**.

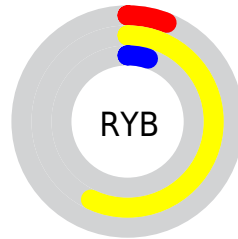
Distribution



Red (57%)

Green (56%)

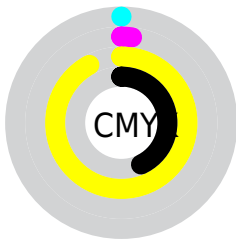
Blue (5%)



Red (6%)

Yellow (57%)

Blue (5%)

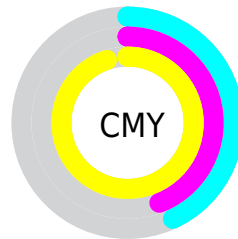


Cyan (0%)

Magenta (2%)

Yellow (92%)

Black (43%)



Cyan (43%)


Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3923, 0.4205, 0.4986 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 25.3923, 0.4205, 0.4986 by changing the saturation by 10% instead.


 25.3923, 0.4205,
0.4986


 25.3923, 0.4205,
0.4986

279.7860, 0.3700,
0.4105


 16.3696, 0.4285,
0.5180


 52.2929, 0.4047,
0.4676

 9.7860, 0.4373,
0.5430


 70.9396, 0.3978,
0.4554


 5.2573, 0.4364,
0.5636

 93.5631, 0.3917,
0.4450

 2.3990, 0.4207,
0.5793

 120.5478, 0.3863,
0.4361

 0.8254, 0.3689,
0.6311

 152.2780, 0.3815,
0.4284

 0.0000, 0.0000,
0.0000

 189.1382, 0.3772,

0.4217

231.5127, 0.3734,
0.4158

25.3923, 0.4205,
0.4986

25.3923, 0.4205,
0.4986

25.2870, 0.4232,
0.5022

25.5406, 0.4158,
0.4918

25.7210, 0.4085,
0.4810

25.9389, 0.3989,
0.4661

26.1981, 0.3871,
0.4478

26.5018, 0.3738,
0.4268

■ 26.8530, 0.3594,
0.4040

■ 27.2541, 0.3446,
0.3802

■ 27.7079, 0.3297,
0.3563

■ 28.2164, 0.3152,
0.3329

Harmonies

Analogous

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



25.3923, 0.4907, 0.4333



25.3923, 0.4205, 0.4986



25.3923, 0.3287, 0.5212

Triad

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



25.3923, 0.4205, 0.4986



25.3923, 0.1458, 0.2439



25.3923, 0.3715, 0.2365

Complementary

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



25.3923, 0.4205, 0.4986



2.4632, 0.1558, 0.0706

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.



25.3923, 0.2678, 0.1964



25.3923, 0.4205, 0.4986



25.3923, 0.1533, 0.1942

Square

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



25.3923, 0.4205, 0.4986



25.3923, 0.1726, 0.3391



25.3923, 0.1930, 0.1810



25.3923, 0.4696, 0.2947

Rectangle

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



25.3923, 0.4205, 0.4986



25.3923, 0.2663, 0.4883



25.3923, 0.1930, 0.1810



25.3923, 0.3352, 0.2207

Sweetspot

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



25.3935, 0.4205, 0.4986



48.3141, 0.3548, 0.3966



6.3203, 0.6160, 0.3271



10.6890, 0.3605, 0.4057



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.



25.3935, 0.4205, 0.4986



45.2575, 0.4233, 0.5021



22.1094, 0.3459, 0.5562



6.2650, 0.3259, 0.3503



21.6987, 0.4232, 0.5022



0.2117, 0.4211, 0.5039

Inverse Universe

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



2.4632, 0.1558, 0.0706



3.7529, 0.1504, 0.0614



3.7652, 0.2074, 0.0967



5.2732, 0.2990, 0.3068



1.8193, 0.1506, 0.0620



0.0205, 0.1533, 0.0717

Previews

White Background



This preview shows how the Yxy color 25.3923, 0.4205, 0.4986 looks on a white background.

Color Contrast Check

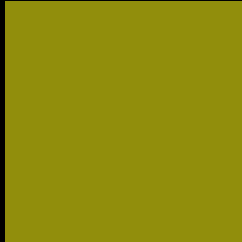
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3923, 0.4205, 0.4986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

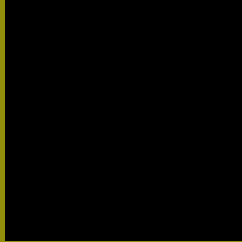
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3923, 0.4205, 0.4986

Background



This preview shows how black text looks on a background with the Yxy color 25.3923, 0.4205, 0.4986.



This preview shows how white text looks on a background with the Yxy color 25.3923, 0.4205, 0.4986.

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

25.3923, 0.4205, 0.4986

Protanopia

25.2668, 0.4388, 0.4852

Deuteranopia

25.2972, 0.4644, 0.4564



Tritanopia

25.3255, 0.3272, 0.3132

Trichromacy



Original Color

25.3923, 0.4205, 0.4986

Protanomaly

25.1648, 0.4327, 0.4895

Deuteranomaly

25.1650, 0.4481, 0.4720

Tritanomaly

25.0139, 0.3748, 0.3967

Monochromacy



Original Color

25.3923, 0.4205, 0.4986

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.5153, 0.3650, 0.4130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3923, 0.4205, 0.4986 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(145, 142, 12)` looks like.

```
.text, #text, p{  
    color:rgb(145, 142, 12)  
}
```

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(145, 142, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 142, 12) }
```

Border

The CSS property to change the border of an element to Yxy 25.3923, 0.4205, 0.4986 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(145, 142, 12) }
```

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

```
.border{ border-color:rgb(145, 142, 12) }
```

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

Here you see how a box with a 4 pixel rgb(145, 142, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 142, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 142, 12);  
box-shadow:4px 4px 4px 4px rgb(145, 142,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3923, 0.4205, 0.4986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 142, 12) }
```

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

```
.background{ background-color: rgb(145,  
142, 12) }
```

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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