

Converting Colors

$Y_{xy}(24.2216, 0.4293, 0.4943)$

Have a look what the booklet for
Yxy(24.2216, 0.4293, 0.4943)
contains.

Yxy(24.1075, 0.4302, 0.4936)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.1075, 0.4302, 0.4936)

Conversions

Conversions Part 1

Format	Color
Hex	938906
RGB	147, 137, 6
RGB Percent	58%, 54%, 2%
CMY	0.4236, 0.4627, 0.9760
CMYK	0.00, 0.07, 0.96, 0.42
HSL	56°, 92%, 30%
HSV	56°, 96%, 58%
XYZ	21.0110, 24.1075, 3.7216
YIQ	125.0560, 48.0110, -38.6210

Conversions

Conversions Part 2

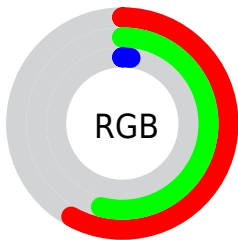
Format	Color
R_{YB}	17, 147, 6
Decimal	9668870
CIE Lab	56.20, -8.86, 59.57
CIE LCh	56, 60.224, 98.462
Yxy	24.1075, 0.4302, 0.4936
Android (android.graphics.Color)	4287858950 (0xFF938906)
YUV	125.0560, -58.6946, 19.2449
Hunter-Lab	49.0994, -9.5387, 29.8755

Details

The Yxy color **24.1075, 0.4302, 0.4936** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.5202, 0.1543, 0.0703**, and the grayscale version is **20.7230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1192, 0.4121, 0.4647**, and **9.2548, 0.4266, 0.4995** is the 20% darker color. If you saturate the color by 10%, you get **23.9718, 0.4320, 0.4952**, and if you desaturate by 10%, it is **24.4466, 0.4252, 0.4889**.

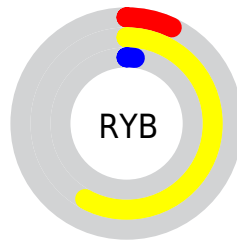
Distribution



Red (58%)

Green (54%)

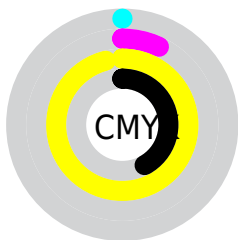
Blue (2%)



Red (7%)

Yellow (58%)

Blue (2%)

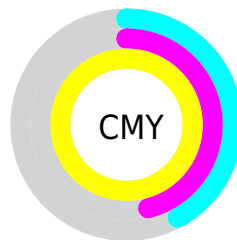


Cyan (0%)

Magenta (7%)

Yellow (96%)

Black (42%)



Cyan (42%)


Magenta (46%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1075, 0.4302, 0.4936 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 24.1075, 0.4302, 0.4936 by changing the saturation by 10% instead.


 24.1075, 0.4302,
0.4936


 24.1075, 0.4302,
0.4936


273.3635, 0.3741,
0.4089


 15.4134, 0.4396,
0.5115


 50.2056, 0.4123,
0.4642

 9.1100, 0.4519,
0.5364

 68.3783, 0.4046,
0.4525

 4.8130, 0.4500,
0.5500

 90.4794, 0.3978,
0.4425

 2.1380, 0.4381,
0.5619

 116.8932, 0.3919,
0.4338

 0.6859, 0.3884,
0.6116


 148.0041, 0.3866,
0.4263


 0.0000, 0.0000,
0.0000


 184.1965, 0.3819,


0.4198


 225.8549, 0.3778,
0.4140


 24.1075, 0.4302,
0.4936


 24.1075, 0.4302,
0.4936


 23.9718, 0.4320,
0.4952

 24.4466, 0.4252,
0.4889

 24.8183, 0.4176,
0.4801

 25.2296, 0.4076,
0.4673

 25.6847, 0.3955,
0.4508

 26.1869, 0.3817,
0.4313

■ 26.7396, 0.3668,
0.4099

■ 27.3454, 0.3514,
0.3873

■ 28.0072, 0.3361,
0.3644

■ 28.7272, 0.3211,
0.3418

Harmonies

Analogous

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



24.1075, 0.4972, 0.4257



24.1075, 0.4302, 0.4936



24.1075, 0.3391, 0.5242

Triad

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



24.1075, 0.4302, 0.4936



24.1075, 0.1459, 0.2514



24.1075, 0.3599, 0.2304

Complementary

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



24.1075, 0.4302, 0.4936



2.5202, 0.1543, 0.0703

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.



24.1075, 0.2575, 0.1926



24.1075, 0.4302, 0.4936



24.1075, 0.1499, 0.1968

Square

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



24.1075, 0.4302, 0.4936



24.1075, 0.1769, 0.3520



24.1075, 0.1862, 0.1801



24.1075, 0.4619, 0.2874

Rectangle

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



24.1075, 0.4302, 0.4936



24.1075, 0.2757, 0.4982



24.1075, 0.1862, 0.1801



24.1075, 0.3235, 0.2153

Sweetspot

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



24.1086, 0.4302, 0.4936



48.5555, 0.3572, 0.3959



6.3789, 0.6184, 0.3231



10.9883, 0.3632, 0.4047



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.



24.1086, 0.4302, 0.4936



42.8250, 0.4323, 0.4949



22.9687, 0.3513, 0.5557



6.6750, 0.3261, 0.3494



20.7990, 0.4320, 0.4952



0.2715, 0.4251, 0.5007

Inverse Universe

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



2.5202, 0.1543, 0.0703



4.0751, 0.1512, 0.0643



3.3574, 0.1938, 0.0867



5.6951, 0.2989, 0.3078



2.0383, 0.1517, 0.0662



0.0381, 0.1599, 0.0955

Previews

White Background



This preview shows how the Yxy color 24.1075, 0.4302, 0.4936 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 24.1075, 0.4302, 0.4936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

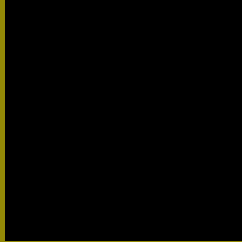
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1075, 0.4302, 0.4936

Background



This preview shows how black text looks on a background with the Yxy color 24.1075, 0.4302, 0.4936.



This preview shows how white text looks on a background with the Yxy color 24.1075, 0.4302, 0.4936.

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

24.1075, 0.4302, 0.4936

Protanopia

24.0121, 0.4392, 0.4875

Deuteranopia

24.0349, 0.4655, 0.4581



Tritanopia

23.9534, 0.3349, 0.3131

Trichromacy



Original Color

24.1075, 0.4302, 0.4936

Protanomaly

24.1033, 0.4353, 0.4901

Deuteranomaly

23.9485, 0.4538, 0.4704

Tritanomaly

23.6293, 0.3856, 0.3984

Monochromacy



Original Color

24.1075, 0.4302, 0.4936

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.2963, 0.3703, 0.4141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1075, 0.4302, 0.4936 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, 137, 6)` looks like.

```
.text, #text, p{  
    color:rgb(147, 137, 6)  
}
```

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, 137, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 137, 6) }
```

Border

The CSS property to change the border of an element to Yxy 24.1075, 0.4302, 0.4936 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, 137, 6) }
```

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

```
.border{ border-color:rgb(147, 137, 6) }
```

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

Here you see how a box with a 4 pixel rgb(147, 137, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 137, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 137, 6);  
box-shadow:4px 4px 4px 4px rgb(147, 137,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1075, 0.4302, 0.4936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 137, 6) }
```

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

```
.background{ background-color: rgb(147,  
137, 6) }
```

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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