

Converting Colors

$Y_{xy}(24.9610, 0.3447, 0.4268)$

Have a look what the booklet for
Yxy(24.9610, 0.3447, 0.4268)
contains.

Yxy(24.9698, 0.3439, 0.4266)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.9698, 0.3439, 0.4266)

Conversions

Conversions Part 1

Format	Color
Hex	7C905A
RGB	124, 144, 90
RGB Percent	49%, 56%, 35%
CMY	0.5138, 0.4353, 0.6470
CMYK	0.14, 0.00, 0.37, 0.44
HSL	82°, 23%, 46%
HSV	82°, 37%, 56%
XYZ	20.1292, 24.9698, 13.4331
YIQ	131.8640, 5.4140, -21.0340

Conversions

Conversions Part 2

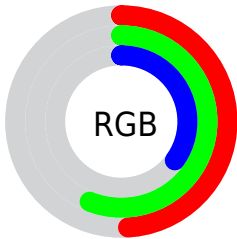
Format	Color
R_{YB}	90, 144, 110
Decimal	8163418
CIE _{Lab}	57.05, -16.82, 26.38
CIE _{LCh}	57, 31.283, 122.523
Yxy	24.9698, 0.3439, 0.4266
Android (android.graphics.Color)	4286353498 (0xFF7C905A)
YUV	131.8640, -20.6390, -6.8967
Hunter-Lab	49.9698, -15.5425, 19.0402

Details

The Yxy color $24.9698, 0.3439, 0.4266$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.6448, 0.2711, 0.2266$, and the grayscale version is $23.0968, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.6584, 0.3378, 0.4046$, and $9.6357, 0.3515, 0.4664$ is the 20% darker color. If you saturate the color by 10%, you get $24.3618, 0.3508, 0.4540$, and if you desaturate by 10%, it is $25.6491, 0.3361, 0.3991$.

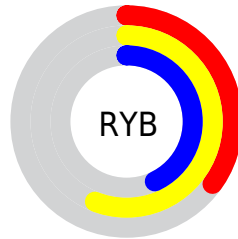
Distribution



Red (49%)

Green (56%)

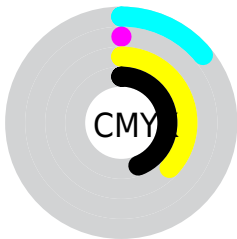
Blue (35%)



Red (35%)

Yellow (56%)

Blue (43%)

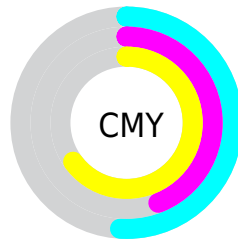


Cyan (14%)

Magenta (0%)

Yellow (37%)

Black (44%)



Cyan (51%)


Magenta (44%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9698, 0.3439, 0.4266 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 24.9698, 0.3439, 0.4266 by changing the saturation by 10% instead.


 24.9698, 0.3439,
0.4266


 24.9698, 0.3439,
0.4266


277.6875, 0.3281,
0.3712


 16.0546, 0.3476,
0.4429


 51.6082, 0.3383,
0.4047


 9.5628, 0.3518,
0.4655


 70.1002, 0.3361,
0.3970


 5.1100, 0.3562,
0.4984

 92.5532, 0.3342,
0.3907

 2.3120, 0.3740,
0.5737

 119.3516, 0.3326,
0.3855

 0.7800, 0.2978,
0.7022

 150.8799, 0.3313,
0.3811

 0.0000, 0.0000,
0.0000

187.5224, 0.3301,

0.3773

229.6634, 0.3290,
0.3740

■ 24.9698, 0.3439,
0.4266

■ 24.9698, 0.3439,
0.4266

■ 24.3618, 0.3508,
0.4540

■ 25.6491, 0.3361,
0.3991

■ 23.8187, 0.3563,
0.4802

■ 26.3992, 0.3277,
0.3724

■ 23.3382, 0.3599,
0.5041


■ 27.2239, 0.3191,
0.3470


■ 22.9165, 0.3614,
0.5245


■ 28.1257, 0.3106,
0.3232


■ 22.5493, 0.3605,
0.5404


■ 29.1071, 0.3024,
0.3014


 22.2289, 0.3577,
0.5521

 30.1702, 0.2945,
0.2815

 22.1528, 0.3569,
0.5548

 31.3173, 0.2871,
0.2634

 32.5505, 0.2802,
0.2472

 33.8717, 0.2738,
0.2326

Harmonies

Analogous

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



24.9698, 0.3907, 0.4165



24.9698, 0.3439, 0.4266



24.9698, 0.2910, 0.4038

Triad

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



24.9698, 0.3439, 0.4266



24.9698, 0.2170, 0.2628



24.9698, 0.3807, 0.3016

Complementary

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



24.9698, 0.3439, 0.4266



12.6448, 0.2711, 0.2266

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.



24.9698, 0.3281, 0.2679



24.9698, 0.3439, 0.4266



24.9698, 0.2360, 0.2451

Square

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



24.9698, 0.3439, 0.4266



24.9698, 0.2204, 0.3015



24.9698, 0.2752, 0.2477



24.9698, 0.4146, 0.3427

Rectangle

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



24.9698, 0.3439, 0.4266



24.9698, 0.2595, 0.3727



24.9698, 0.2752, 0.2477



24.9698, 0.3644, 0.2892

Sweetspot

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



24.9709, 0.3439, 0.4266



47.4532, 0.3223, 0.3563



17.7788, 0.3874, 0.3644



10.8420, 0.3233, 0.3593



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.



24.9709, 0.3439, 0.4266



43.1249, 0.3498, 0.4497



23.2400, 0.3147, 0.4361



6.1868, 0.3205, 0.3511



19.3025, 0.3572, 0.5546



0.1971, 0.3863, 0.5315

Inverse Universe

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



12.6448, 0.2711, 0.2266



18.1527, 0.2591, 0.2009



14.6297, 0.3070, 0.2367



5.3463, 0.3044, 0.3067



2.4347, 0.1824, 0.0778



0.0351, 0.2312, 0.1047

Previews

White Background



This preview shows how the Yxy color 24.9698, 0.3439, 0.4266 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 24.9698, 0.3439, 0.4266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

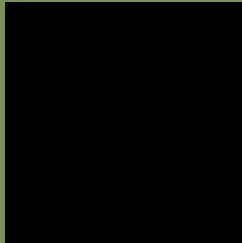
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9698, 0.3439, 0.4266

Background



This preview shows how black text looks on a background with the Yxy color 24.9698, 0.3439, 0.4266.



This preview shows how white text looks on a background with the Yxy color 24.9698, 0.3439, 0.4266.

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

24.9698, 0.3439, 0.4266

Protanopia

24.9690, 0.3802, 0.4117

Deuteranopia

24.8094, 0.3948, 0.3887



Tritanopia

24.9350, 0.2964, 0.3105

Trichromacy



Original Color

24.9698, 0.3439, 0.4266

Protanomaly

25.0362, 0.3665, 0.4180

Deuteranomaly

24.7706, 0.3756, 0.4022

Tritanomaly

24.9556, 0.3138, 0.3518

Monochromacy



Original Color

24.9698, 0.3439, 0.4266

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.5598, 0.3247, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9698, 0.3439, 0.4266 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(124, 144, 90)` looks like.

```
.text, #text, p{  
    color:rgb(124, 144, 90)  
}
```

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(124, 144, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 144, 90) }
```

Border

The CSS property to change the border of an element to Yxy 24.9698, 0.3439, 0.4266 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(124, 144, 90) }
```

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

```
.border{ border-color:rgb(124, 144, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 144, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 144, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 144, 90);  
box-shadow:4px 4px 4px 4px rgb(124, 144,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9698, 0.3439, 0.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 144, 90) }
```

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

```
.background{ background-color: rgb(124,  
144, 90) }
```

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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