

Converting Colors

$Y_{xy}(24.9664, 0.3533, 0.4404)$

Have a look what the booklet for
Yxy(24.9664, 0.3533, 0.4404)
contains.

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Color

Yxy(24.9913, 0.3536, 0.4397)

Conversions

Conversions Part 1

Format	Color
Hex	7E9052
RGB	126, 144, 82
RGB Percent	49%, 56%, 32%
CMY	0.5060, 0.4353, 0.6784
CMYK	0.13, 0.00, 0.43, 0.44
HSL	77°, 27%, 44%
HSV	77°, 43%, 56%
XYZ	20.0976, 24.9913, 11.7482
YIQ	131.5500, 9.1740, -23.0980

Conversions

Conversions Part 2

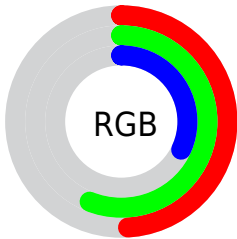
Format	Color
R_{YB}	82, 144, 100
Decimal	8294482
CIE _{Lab}	57.07, -17.07, 30.76
CIE _{LCh}	57, 35.180, 119.019
Yxy	24.9913, 0.3536, 0.4397
Android (android.graphics.Color)	4286484562 (0xFF7E9052)
YUV	131.5500, -24.4282, -4.8674
Hunter-Lab	49.9913, -15.7238, 21.0604

Details

The Yxy color $24.9913, 0.3536, 0.4397$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $10.7614, 0.2568, 0.2076$, and the grayscale version is $22.9901, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7574, 0.3469, 0.4158$, and $9.6633, 0.3639, 0.4827$ is the 20% darker color. If you saturate the color by 10%, you get $24.4839, 0.3611, 0.4653$, and if you desaturate by 10%, it is $25.5603, 0.3448, 0.4131$.

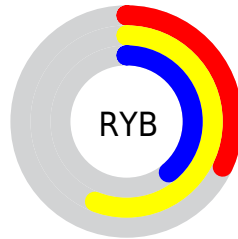
Distribution



Red (49%)

Green (56%)

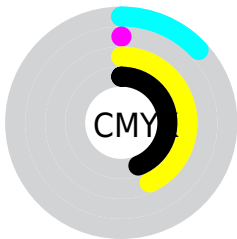
Blue (32%)



Red (32%)

Yellow (56%)

Blue (39%)

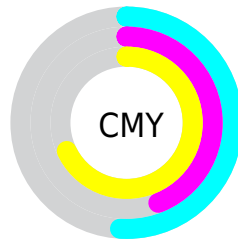


Cyan (13%)

Magenta (0%)

Yellow (43%)

Black (44%)



Cyan (51%)


Magenta (44%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9913, 0.3536, 0.4397 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 24.9913, 0.3536, 0.4397 by changing the saturation by 10% instead.


 24.9913, 0.3536,
0.4397


 24.9913, 0.3536,
0.4397


277.7946, 0.3329,
0.3771


 16.0706, 0.3583,
0.4579


 51.6431, 0.3463,
0.4151


 9.5741, 0.3636,
0.4827


 70.1430, 0.3434,
0.4064


 5.1175, 0.3687,
0.5180

 92.6047, 0.3410,
0.3993

 2.3164, 0.3933,
0.6067

 119.4126, 0.3389,
0.3934

 0.7824, 0.2948,
0.7052

 150.9512, 0.3371,
0.3883

 0.0000, 0.0000,
0.0000

187.6048, 0.3355,

0.3840

229.7578, 0.3342,
0.3803

■ 24.9913, 0.3536,
0.4397

■ 24.9913, 0.3536,
0.4397

■ 24.4839, 0.3611,
0.4653

■ 25.5603, 0.3448,
0.4131

■ 24.0317, 0.3670,
0.4889

■ 26.1903, 0.3354,
0.3866

■ 23.6324, 0.3708,
0.5094

■ 26.8851, 0.3255,
0.3607

■ 23.2821, 0.3722,
0.5259

■ 27.6471, 0.3157,
0.3362

■ 22.9763, 0.3712,
0.5378

■ 28.4786, 0.3061,
0.3133

■ 22.7811, 0.3698,
0.5446

■ 29.3818, 0.2969,
0.2921

■ 30.3588, 0.2882,
0.2728

■ 31.4115, 0.2801,
0.2552

■ 32.5418, 0.2725,
0.2394

Harmonies

Analogous

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



24.9913, 0.4044, 0.4231



24.9913, 0.3536, 0.4397



24.9913, 0.2945, 0.4191

Triad

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



24.9913, 0.3536, 0.4397



24.9913, 0.2057, 0.2585



24.9913, 0.3829, 0.2932

Complementary

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



24.9913, 0.3536, 0.4397



10.7614, 0.2568, 0.2076

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.



24.9913, 0.3223, 0.2578



24.9913, 0.3536, 0.4397



24.9913, 0.2237, 0.2367

Square

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



24.9913, 0.3536, 0.4397



24.9913, 0.2121, 0.3037



24.9913, 0.2644, 0.2375



24.9913, 0.4246, 0.3378

Rectangle

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



24.9913, 0.3536, 0.4397



24.9913, 0.2585, 0.3854



24.9913, 0.2644, 0.2375



24.9913, 0.3637, 0.2801

Sweetspot

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



24.9924, 0.3536, 0.4397



47.3848, 0.3257, 0.3613



15.5724, 0.4063, 0.3606



10.8076, 0.3277, 0.3664



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.



24.9924, 0.3536, 0.4397



43.1764, 0.3611, 0.4654



23.0154, 0.3198, 0.4526



6.2077, 0.3217, 0.3510



19.8477, 0.3700, 0.5444



0.2011, 0.3942, 0.5252

Inverse Universe

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



10.7614, 0.2568, 0.2076



14.5724, 0.2403, 0.1761



12.8411, 0.2984, 0.2209



5.3263, 0.3032, 0.3066



2.1910, 0.1713, 0.0717



0.0311, 0.2161, 0.0964

Previews

White Background



This preview shows how the Yxy color 24.9913, 0.3536, 0.4397 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 24.9913, 0.3536, 0.4397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

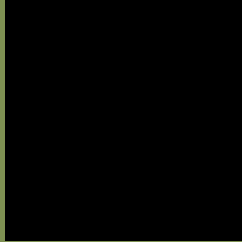
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

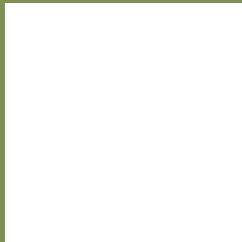
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9913, 0.3536, 0.4397

Background



This preview shows how black text looks on a background with the Yxy color 24.9913, 0.3536, 0.4397.



This preview shows how white text looks on a background with the Yxy color 24.9913, 0.3536, 0.4397.

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

24.9913, 0.3536, 0.4397

Protanopia

24.9399, 0.3895, 0.4236

Deuteranopia

24.8878, 0.4061, 0.4000



Tritanopia

24.7832, 0.2995, 0.3105

Trichromacy



Original Color

24.9913, 0.3536, 0.4397

Protanomaly

24.9981, 0.3756, 0.4305

Deuteranomaly

24.8277, 0.3864, 0.4141

Tritanomaly

24.7206, 0.3202, 0.3571

Monochromacy



Original Color

24.9913, 0.3536, 0.4397

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.5691, 0.3290, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9913, 0.3536, 0.4397 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(126, 144, 82)` looks like.

```
.text, #text, p{  
    color:rgb(126, 144, 82)  
}
```

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(126, 144, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 144, 82) }
```

Border

The CSS property to change the border of an element to Yxy 24.9913, 0.3536, 0.4397 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(126, 144, 82) }
```

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

```
.border{ border-color:rgb(126, 144, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 144, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 144, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 144, 82);  
box-shadow:4px 4px 4px 4px rgb(126, 144,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9913, 0.3536, 0.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 144, 82) }
```

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

```
.background{ background-color: rgb(126,  
144, 82) }
```

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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