

Converting Colors

$Y_{xy}(24.4184, 0.3905, 0.5281)$

Have a look what the booklet for
Yxy(24.4184, 0.3905, 0.5281)
contains.

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Color

Yxy(24.3157, 0.3909, 0.5278)

Conversions

Conversions Part 1

Format	Color
Hex	799100
RGB	121, 145, 0
RGB Percent	47%, 57%, 0%
CMY	0.5256, 0.4313, 0.9998
CMYK	0.17, 0.00, 1.00, 0.43
HSL	70°, 100%, 28%
HSV	70°, 100%, 57%
XYZ	18.0087, 24.3157, 3.7455
YIQ	121.2940, 32.2410, -50.1830

Conversions

Conversions Part 2

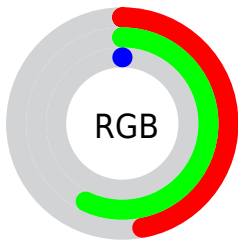
Format	Color
RYB	0, 145, 24
Decimal	7966976
CIELab	56.40, -24.90, 59.79
CIELCh	56, 64.766, 112.612
Yxy	24.3157, 0.3909, 0.5278
Android (android.graphics.Color)	4286157056 (0xFF799100)
YUV	121.2940, -59.7979, -0.2578
Hunter-Lab	49.3110, -21.1046, 30.0142

Details

The Yxy color **24.3157, 0.3909, 0.5278** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.2410, 0.1584, 0.0646**, and the grayscale version is **19.4119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6362, 0.3822, 0.4879**, and **9.4134, 0.3729, 0.5421** is the 20% darker color. If you saturate the color by 10%, you get **24.3160, 0.3909, 0.5278**, and if you desaturate by 10%, it is **24.5257, 0.3909, 0.5201**.

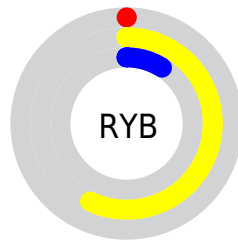
Distribution



Red (47%)

Green (57%)

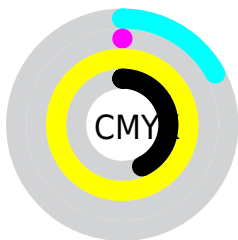
Blue (0%)



Red (0%)

Yellow (57%)

Blue (9%)

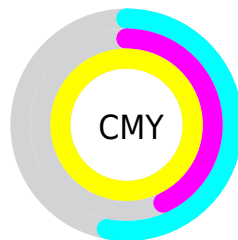


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (53%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3157, 0.3909, 0.5278 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 24.3157, 0.3909, 0.5278 by changing the saturation by 10% instead.


 24.3157, 0.3909,
0.5278


 24.3157, 0.3909,
0.5278


274.4127, 0.3579,
0.4198


 15.5680, 0.3933,
0.5538


 50.5449, 0.3823,
0.4881


 9.2190, 0.3957,
0.5910


 68.7951, 0.3778,
0.4731


 4.8843, 0.3798,
0.6202

 90.9817, 0.3736,
0.4605

 2.1795, 0.3453,
0.6547

 117.4889, 0.3698,
0.4498

 0.7088, 0.0849,
0.9151


 148.7013, 0.3664,
0.4407


 0.0000, 0.0000,
0.0000


 185.0031, 0.3633,


0.4328


 226.7787, 0.3604,
0.4258


 24.3157, 0.3909,
0.5278


 24.3157, 0.3909,
0.5278

 24.3160, 0.3909,
0.5278

 24.5257, 0.3909,
0.5201

 24.7616, 0.3891,
0.5092

 25.0357, 0.3848,
0.4940

 25.3522, 0.3782,
0.4749

 25.7148, 0.3696,
0.4528

■ 26.1266, 0.3594,
0.4287

■ 26.5905, 0.3482,
0.4034

■ 27.1092, 0.3364,
0.3779

■ 27.6852, 0.3244,
0.3529

Harmonies

Analogous

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



24.3157, 0.4777, 0.4644



24.3157, 0.3909, 0.5278



24.3157, 0.2908, 0.5254

Triad

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



24.3157, 0.3909, 0.5278



24.3157, 0.1350, 0.2127



24.3157, 0.4178, 0.2508

Complementary

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



24.3157, 0.3909, 0.5278



2.2410, 0.1584, 0.0646

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.



24.3157, 0.3018, 0.2009



24.3157, 0.3909, 0.5278



24.3157, 0.1549, 0.1767

Square

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



24.3157, 0.3909, 0.5278



24.3157, 0.1485, 0.2958



24.3157, 0.2092, 0.1749



24.3157, 0.5078, 0.3158

Rectangle

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



24.3157, 0.3909, 0.5278



24.3157, 0.2283, 0.4658



24.3157, 0.2092, 0.1749



24.3157, 0.3790, 0.2319

Sweetspot

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



24.3168, 0.3909, 0.5278



47.5561, 0.3489, 0.4051



6.5867, 0.6233, 0.3432



10.5081, 0.3532, 0.4146



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.



24.3168, 0.3909, 0.5278



43.4768, 0.3903, 0.5283



20.9516, 0.3201, 0.5840



6.2408, 0.3235, 0.3509



20.8638, 0.3911, 0.5277



0.2073, 0.4057, 0.5161

Inverse Universe

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



2.2410, 0.1584, 0.0646



3.9568, 0.1571, 0.0639



4.4400, 0.2361, 0.1074



5.2953, 0.3014, 0.3065



1.9287, 0.1588, 0.0648



0.0249, 0.1900, 0.0820

Previews

White Background



This preview shows how the Yxy color 24.3157, 0.3909, 0.5278 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 24.3157, 0.3909, 0.5278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

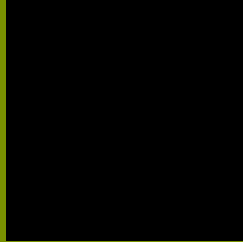
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3157, 0.3909, 0.5278

Background



This preview shows how black text looks on a background with the Yxy color 24.3157, 0.3909, 0.5278.



This preview shows how white text looks on a background with the Yxy color 24.3157, 0.3909, 0.5278.

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

24.3157, 0.3909, 0.5278

Protanopia

24.0033, 0.4401, 0.4888

Deuteranopia

24.0546, 0.4635, 0.4556



Tritanopia

24.3588, 0.3004, 0.3121

Trichromacy



Original Color

24.3157, 0.3909, 0.5278

Protanomaly

24.1280, 0.4217, 0.5033

Deuteranomaly

23.7630, 0.4377, 0.4823

Tritanomaly

23.9051, 0.3498, 0.4136

Monochromacy



Original Color

24.3157, 0.3909, 0.5278

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.5660, 0.3596, 0.4297

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3157, 0.3909, 0.5278 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(121, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(121, 145, 0)  
}
```

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(121, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 145, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.3157, 0.3909, 0.5278 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(121, 145, 0) }
```

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

```
.border{ border-color:rgb(121, 145, 0) }
```

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

Here you see how a box with a 4 pixel rgb(121, 145, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(121, 145,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3157, 0.3909, 0.5278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 145, 0) }
```

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

```
.background{ background-color: rgb(121,  
145, 0) }
```

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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