

Converting Colors

$Y_{xy}(25.1306, 0.3336, 0.4234)$

Have a look what the booklet for
Yxy(25.1306, 0.3336, 0.4234)
contains.

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Color

Yxy(25.2879, 0.3339, 0.4242)

Conversions

Conversions Part 1

Format	Color
Hex	77925E
RGB	119, 146, 94
RGB Percent	47%, 57%, 37%
CMY	0.5334, 0.4274, 0.6314
CMYK	0.19, 0.00, 0.36, 0.43
HSL	91°, 22%, 47%
HSV	91°, 36%, 57%
XYZ	19.9048, 25.2879, 14.4204
YIQ	131.9990, 0.6000, -21.8960

Conversions

Conversions Part 2

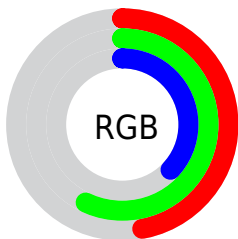
Format	Color
R_{YB}	94, 146, 121
Decimal	7836254
CIE _{Lab}	57.35, -19.26, 24.53
CIE _{LCh}	57, 31.187, 128.143
Yxy	25.2879, 0.3339, 0.4242
Android (android.graphics.Color)	4286026334 (0xFF77925E)
YUV	131.9990, -18.7335, -11.4001
Hunter-Lab	50.2871, -17.3478, 18.1988

Details

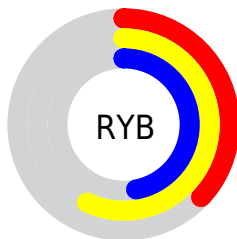
The Yxy color **25.2879, 0.3339, 0.4242** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.1471, 0.2835, 0.2348**, and the grayscale version is **23.1418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1235, 0.3303, 0.4025**, and **9.6549, 0.3379, 0.4621** is the 20% darker color. If you saturate the color by 10%, you get **24.5357, 0.3385, 0.4536**, and if you desaturate by 10%, it is **26.1347, 0.3284, 0.3954**.

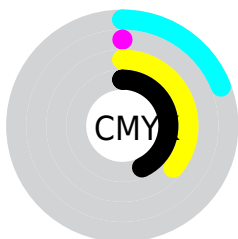
Distribution



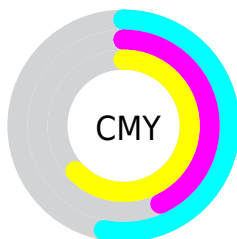
- Red (47%)
- Green (57%)
- Blue (37%)



- Red (37%)
- Yellow (57%)
- Blue (47%)



- Cyan (19%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)




- Cyan (53%)
- Magenta (43%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2879, 0.3339, 0.4242 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 25.2879, 0.3339, 0.4242 by changing the saturation by 10% instead.


 25.2879, 0.3339,
0.4242


 25.2879, 0.3339,
0.4242


279.2687, 0.3236,
0.3700


 16.2917, 0.3361,
0.4404


 52.1239, 0.3303,
0.4027

 9.7308, 0.3384,
0.4628


 70.7325, 0.3289,
0.3951

 5.2208, 0.3402,
0.4960

 93.3139, 0.3277,
0.3890

 2.3774, 0.3476,
0.5631

 120.2527, 0.3267,
0.3839

 0.8142, 0.2716,
0.7284

151.9332, 0.3257,
0.3796

 0.0000, 0.0000,
0.0000

188.7397, 0.3249,

0.3759

231.0568, 0.3242,
0.3727

■ 25.2879, 0.3339,
0.4242

■ 25.2879, 0.3339,
0.4242

■ 24.5357, 0.3385,
0.4536

■ 26.1347, 0.3284,
0.3954

■ 23.8711, 0.3419,
0.4825

■ 27.0765, 0.3224,
0.3680

■ 23.2910, 0.3437,
0.5096

■ 28.1175, 0.3162,
0.3424

■ 22.7909, 0.3435,
0.5334

■ 29.2611, 0.3100,
0.3190

■ 22.3657, 0.3412,
0.5526

■ 30.5101, 0.3040,
0.2978

 22.0087, 0.3372,
0.5665

 31.8676, 0.2982,
0.2787

 21.8675, 0.3352,
0.5720

 33.3361, 0.2927,
0.2616

 34.9184, 0.2875,
0.2463

 36.6171, 0.2827,
0.2327

Harmonies

Analogous

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



25.2879, 0.3826, 0.4199



25.2879, 0.3339, 0.4242



25.2879, 0.2819, 0.3955

Triad

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



25.2879, 0.3339, 0.4242



25.2879, 0.2195, 0.2584



25.2879, 0.3885, 0.3091

Complementary

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



25.2879, 0.3339, 0.4242



14.1471, 0.2835, 0.2348

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.



25.2879, 0.3384, 0.2737



25.2879, 0.3339, 0.4242



25.2879, 0.2424, 0.2446

Square

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



25.2879, 0.3339, 0.4242



25.2879, 0.2186, 0.2931



25.2879, 0.2846, 0.2507



25.2879, 0.4169, 0.3506

Rectangle

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



25.2879, 0.3339, 0.4242



25.2879, 0.2523, 0.3624



25.2879, 0.2846, 0.2507



25.2879, 0.3734, 0.2963

Sweetspot

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



25.2890, 0.3339, 0.4242



48.5461, 0.3197, 0.3565



20.5628, 0.3782, 0.3757



10.7518, 0.3204, 0.3595



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.



25.2890, 0.3339, 0.4242



43.4998, 0.3378, 0.4485



23.7636, 0.3071, 0.4305



6.5969, 0.3185, 0.3514



19.2543, 0.3356, 0.5717



0.2530, 0.3701, 0.5443

Inverse Universe

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



14.1471, 0.2835, 0.2348



20.7513, 0.2746, 0.2111



16.1652, 0.3179, 0.2449



5.7723, 0.3065, 0.3067



3.1870, 0.2085, 0.0922



0.0566, 0.2567, 0.1188

Previews

White Background



This preview shows how the Yxy color 25.2879, 0.3339, 0.4242 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 25.2879, 0.3339, 0.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

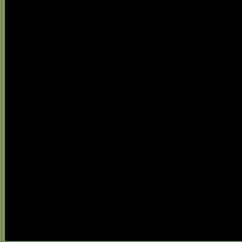
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2879, 0.3339, 0.4242

Background



This preview shows how black text looks on a background with the Yxy color 25.2879, 0.3339, 0.4242.



This preview shows how white text looks on a background with the Yxy color 25.2879, 0.3339, 0.4242.

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

25.2879, 0.3339, 0.4242

Protanopia

25.0191, 0.3771, 0.4069

Deuteranopia

25.1521, 0.3896, 0.3841



Tritanopia

25.1793, 0.2895, 0.3103

Trichromacy



Original Color

25.2879, 0.3339, 0.4242

Protanomaly

24.9148, 0.3611, 0.4137

Deuteranomaly

24.9389, 0.3683, 0.3978

Tritanomaly

25.2428, 0.3054, 0.3502

Monochromacy



Original Color

25.2879, 0.3339, 0.4242

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7114, 0.3212, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2879, 0.3339, 0.4242 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(119, 146, 94)` looks like.

```
.text, #text, p{  
    color:rgb(119, 146, 94)  
}
```

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(119, 146, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 146, 94) }
```

Border

The CSS property to change the border of an element to Yxy 25.2879, 0.3339, 0.4242 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(119, 146, 94) }
```

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

```
.border{ border-color:rgb(119, 146, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 146, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 146, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 146, 94); box-shadow:4px 4px 4px 4px rgb(119, 146, 94) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2879, 0.3339, 0.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 146, 94) }
```

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

```
.background{ background-color: rgb(119,  
146, 94) }
```

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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