

Converting Colors

$Y_{xy}(25.1226, 0.3754, 0.4326)$

Have a look what the booklet for
Yxy(25.1226, 0.3754, 0.4326)
contains.

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Color

$Y_{xy}(25.2770, 0.3759, 0.4334)$

Conversions

Conversions Part 1

Format	Color
Hex	8D8D4F
RGB	141, 141, 79
RGB Percent	55%, 55%, 31%
CMY	0.4470, 0.4471, 0.6902
CMYK	0.00, 0.00, 0.44, 0.45
HSL	60°, 28%, 43%
HSV	60°, 44%, 55%
XYZ	21.9235, 25.2770, 11.1221
YIQ	133.9320, 19.9020, -19.2820

Conversions

Conversions Part 2

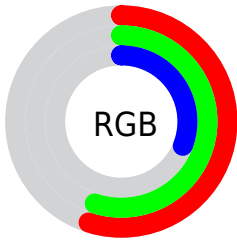
Format	Color
R_{YB}	79, 141, 79
Decimal	9276751
CIE Lab	57.34, -9.50, 32.96
CIE LCh	57, 34.306, 106.078
Yxy	25.2770, 0.3759, 0.4334
Android (android.graphics.Color)	4287466831 (0xFF8D8D4F)
YUV	133.9320, -27.0815, 6.1986
Hunter-Lab	50.2762, -10.1467, 22.0772

Details

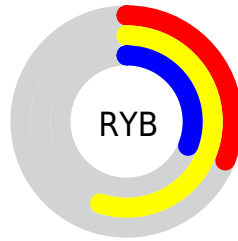
The Yxy color $25.2770, 0.3759, 0.4334$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $9.1830, 0.2333, 0.1978$, and the grayscale version is $23.9116, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3510, 0.3640, 0.4121$, and $9.7103, 0.3934, 0.4704$ is the 20% darker color. If you saturate the color by 10%, you get $25.0926, 0.3884, 0.4541$, and if you desaturate by 10%, it is $25.5073, 0.3621, 0.4106$.

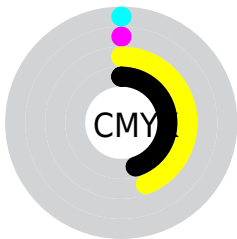
Distribution



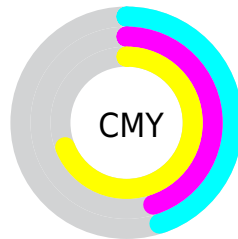
- Red (55%)
- Green (55%)
- Blue (31%)



- Red (31%)
- Yellow (55%)
- Blue (31%)



- Cyan (0%)
- Magenta (0%)
- Yellow (44%)
- Black (45%)





- Cyan (45%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2770, 0.3759, 0.4334 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 25.2770, 0.3759, 0.4334 by changing the saturation by 10% instead.


 25.2770, 0.3759,
0.4334


 25.2770, 0.3759,
0.4334


279.2146, 0.3428,
0.3757


 16.2836, 0.3841,
0.4494


 52.1062, 0.3638,
0.4112


 9.7250, 0.3941,
0.4706


 70.7108, 0.3592,
0.4032

 5.2170, 0.4058,
0.4993

 93.2879, 0.3554,
0.3966

 2.3752, 0.4364,
0.5636

 120.2219, 0.3521,
0.3910

 0.8131, 0.3995,
0.6005

 151.8971, 0.3493,
0.3863

 0.0000, 0.0000,
0.0000

188.6981, 0.3468,

0.3823

231.0091, 0.3447,
0.3787

■ 25.2770, 0.3759,
0.4334

■ 25.2770, 0.3759,
0.4334

■ 25.0926, 0.3884,
0.4541

■ 25.5073, 0.3621,
0.4106

■ 24.9478, 0.3992,
0.4719

■ 25.7826, 0.3476,
0.3866

■ 24.8407, 0.4078,
0.4861


■ 26.1063, 0.3329,
0.3623

■ 24.7677, 0.4140,
0.4963

■ 26.4806, 0.3183,
0.3383

■ 24.7245, 0.4177,
0.5024


■ 26.9076, 0.3044,
0.3152

 24.7050, 0.4194,
0.5052

 27.3893, 0.2911,
0.2933

 27.9274, 0.2788,
0.2730

 28.5237, 0.2674,
0.2542

 29.1799, 0.2570,
0.2370

Harmonies

Analogous

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



25.2770, 0.4171, 0.4061



25.2770, 0.3759, 0.4334



25.2770, 0.3200, 0.4297

Triad

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



25.2770, 0.3759, 0.4334



25.2770, 0.2081, 0.2769



25.2770, 0.3566, 0.2778

Complementary

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



25.2770, 0.3759, 0.4334



9.1830, 0.2333, 0.1978

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.



25.2770, 0.2965, 0.2489



25.2770, 0.3759, 0.4334



25.2770, 0.2155, 0.2455

Square

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



25.2770, 0.3759, 0.4334



25.2770, 0.2250, 0.3294



25.2770, 0.2461, 0.2369



25.2770, 0.4074, 0.3183

Rectangle

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



25.2770, 0.3759, 0.4334



25.2770, 0.2822, 0.4061



25.2770, 0.2461, 0.2369



25.2770, 0.3365, 0.2666

Sweetspot

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



25.2782, 0.3759, 0.4334



46.7811, 0.3318, 0.3606



11.8377, 0.4214, 0.3274



10.4212, 0.3348, 0.3654



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.2782, 0.3759, 0.4334



44.9180, 0.3886, 0.4544



23.0030, 0.3404, 0.4473



6.2851, 0.3259, 0.3507



22.5194, 0.4194, 0.5052



0.2154, 0.4193, 0.5052

Inverse Universe

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



9.1830, 0.2333, 0.1978



12.1443, 0.2121, 0.1628



10.7671, 0.2715, 0.2102



5.2553, 0.2990, 0.3063



1.7546, 0.1500, 0.0600



0.0168, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 25.2770, 0.3759, 0.4334 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 25.2770, 0.3759, 0.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

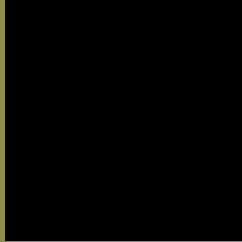
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2770, 0.3759, 0.4334

Background



This preview shows how black text looks on a background with the Yxy color 25.2770, 0.3759, 0.4334.



This preview shows how white text looks on a background with the Yxy color 25.2770, 0.3759, 0.4334.

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

25.2770, 0.3759, 0.4334

Protanopia

25.3063, 0.3910, 0.4260

Deuteranopia

25.0422, 0.4129, 0.4049



Tritanopia

25.0846, 0.3181, 0.3112

Trichromacy



Original Color

25.2770, 0.3759, 0.4334

Protanomaly

25.2183, 0.3854, 0.4293

Deuteranomaly

25.1762, 0.3998, 0.4157

Tritanomaly

24.9841, 0.3401, 0.3560

Monochromacy



Original Color

25.2770, 0.3759, 0.4334

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4246, 0.3369, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2770, 0.3759, 0.4334 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(141, 141, 79)` looks like.

```
.text, #text, p{  
    color:rgb(141, 141, 79)  
}
```

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(141, 141, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 141, 79) }
```

Border

The CSS property to change the border of an element to Yxy 25.2770, 0.3759, 0.4334 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(141, 141, 79) }
```

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

```
.border{ border-color:rgb(141, 141, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 141, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 141, 79); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 141, 79); box-shadow:4px 4px 4px 4px rgb(141, 141, 79) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2770, 0.3759, 0.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 141, 79) }
```

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

```
.background{ background-color: rgb(141,  
141, 79) }
```

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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