

Converting Colors

$Y_{xy}(25.5023, 0.3721, 0.4272)$

Have a look what the booklet for
Yxy(25.5023, 0.3721, 0.4272)
contains.

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Color

Yxy(25.3370, 0.3721, 0.4271)

Conversions

Conversions Part 1

Format	Color
Hex	8D8D53
RGB	141, 141, 83
RGB Percent	55%, 55%, 33%
CMY	0.4470, 0.4471, 0.6745
CMYK	0.00, 0.00, 0.41, 0.45
HSL	60°, 26%, 44%
HSV	60°, 41%, 55%
XYZ	22.0742, 25.3370, 11.9121
YIQ	134.3880, 18.6180, -18.0380

Conversions

Conversions Part 2

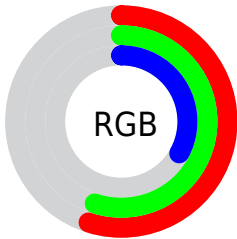
Format	Color
R_{YB}	83, 141, 83
Decimal	9276755
CIE Lab	57.40, -9.05, 30.90
CIE LCh	57, 32.199, 106.323
Yxy	25.3370, 0.3721, 0.4271
Android (android.graphics.Color)	4287466835 (0xFF8D8D53)
YUV	134.3880, -25.3343, 5.7987
Hunter-Lab	50.3359, -9.8087, 21.2040

Details

The Yxy color $25.3370, 0.3721, 0.4271$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $9.9557, 0.2393, 0.2076$, and the grayscale version is $24.0825, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4594, 0.3610, 0.4072$, and $9.7334, 0.3889, 0.4628$ is the 20% darker color. If you saturate the color by 10%, you get $25.1398, 0.3851, 0.4485$, and if you desaturate by 10%, it is $25.5808, 0.3580, 0.4039$.

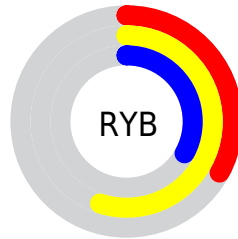
Distribution



Red (55%)

Green (55%)

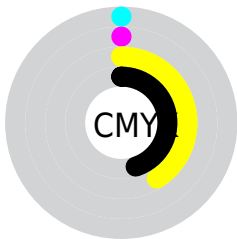
Blue (33%)



Red (33%)

Yellow (55%)

Blue (33%)

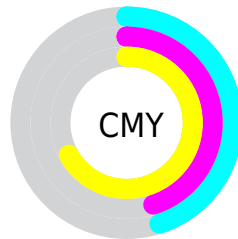


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (45%)



Cyan (45%)


Magenta (45%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3370, 0.3721, 0.4271 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 25.3370, 0.3721, 0.4271 by changing the saturation by 10% instead.


 25.3370, 0.3721,
0.4271


 25.3370, 0.3721,
0.4271


279.5121, 0.3408,
0.3728

 16.3283, 0.3800,
0.4423


 52.2034, 0.3605,
0.4061


 9.7568, 0.3898,
0.4625


 70.8299, 0.3562,
0.3986

 5.2380, 0.4016,
0.4903

 93.4312, 0.3526,
0.3924

 2.3876, 0.4389,
0.5611

 120.3915, 0.3495,
0.3872

 0.8195, 0.4051,
0.5949

 152.0954, 0.3469,
0.3828

 0.0000, 0.0000,
0.0000

188.9272, 0.3446,

0.3790

231.2713, 0.3426,
0.3757

■ 25.3370, 0.3721,
0.4271

■ 25.3370, 0.3721,
0.4271

■ 25.1398, 0.3851,
0.4485

■ 25.5808, 0.3580,
0.4039

■ 24.9831, 0.3964,
0.4672

■ 25.8702, 0.3434,
0.3797

■ 24.8650, 0.4056,
0.4825

■ 26.2088, 0.3287,
0.3554

■ 24.7821, 0.4125,
0.4938

■ 26.5985, 0.3143,
0.3317

■ 24.7304, 0.4169,
0.5010

■ 27.0415, 0.3005,
0.3089

■ 24.7007, 0.4194,
0.5052

■ 27.5397, 0.2876,
0.2874

■ 28.0948, 0.2755,
0.2675

■ 28.7086, 0.2644,
0.2491

■ 29.3828, 0.2543,
0.2324

Harmonies

Analogous

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



25.3370, 0.4107, 0.4024



25.3370, 0.3721, 0.4271



25.3370, 0.3195, 0.4227

Triad

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



25.3370, 0.3721, 0.4271



25.3370, 0.2139, 0.2800



25.3370, 0.3544, 0.2810

Complementary

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



25.3370, 0.3721, 0.4271



9.9557, 0.2393, 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.



25.3370, 0.2981, 0.2534



25.3370, 0.3721, 0.4271



25.3370, 0.2211, 0.2503

Square

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



25.3370, 0.3721, 0.4271



25.3370, 0.2299, 0.3292



25.3370, 0.2504, 0.2420



25.3370, 0.4018, 0.3196

Rectangle

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



25.3370, 0.3721, 0.4271



25.3370, 0.2839, 0.4005



25.3370, 0.2504, 0.2420



25.3370, 0.3356, 0.2703

Sweetspot

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



25.3382, 0.3721, 0.4271



46.8446, 0.3303, 0.3581



12.4926, 0.4112, 0.3275



10.4473, 0.3320, 0.3608



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.



25.3382, 0.3721, 0.4271



45.0382, 0.3837, 0.4463



23.1918, 0.3389, 0.4392



6.2849, 0.3259, 0.3507



22.5135, 0.4194, 0.5052



0.2153, 0.4194, 0.5052

Inverse Universe

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



9.9557, 0.2393, 0.2076



13.7536, 0.2206, 0.1768



11.4945, 0.2749, 0.2184



5.2554, 0.2990, 0.3063



1.7550, 0.1500, 0.0601



0.0169, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 25.3370, 0.3721, 0.4271 looks on a white background.

Color Contrast Check

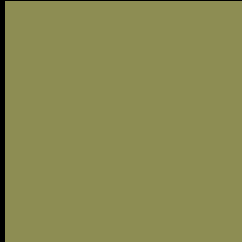
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3370, 0.3721, 0.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

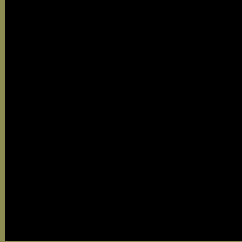
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3370, 0.3721, 0.4271

Background



This preview shows how black text looks on a background with the Yxy color 25.3370, 0.3721, 0.4271.



This preview shows how white text looks on a background with the Yxy color 25.3370, 0.3721, 0.4271.

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

25.3370, 0.3721, 0.4271

Protanopia

25.3655, 0.3871, 0.4201

Deuteranopia

25.3739, 0.4078, 0.4006



Tritanopia

25.3597, 0.3180, 0.3129

Trichromacy



Original Color

25.3370, 0.3721, 0.4271

Protanomaly

25.2775, 0.3815, 0.4232

Deuteranomaly

25.2371, 0.3957, 0.4099

Tritanomaly

25.3162, 0.3377, 0.3542

Monochromacy



Original Color

25.3370, 0.3721, 0.4271

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4475, 0.3359, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3370, 0.3721, 0.4271 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(141, 141, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 141, 83) }
```

Border

The CSS property to change the border of an element to Yxy 25.3370, 0.3721, 0.4271 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, 83) }
```

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

```
.border{ border-color:rgb(141, 141, 83) }
```

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, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 141, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 141, 83);  
box-shadow:4px 4px 4px 4px rgb(141, 141,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3370, 0.3721, 0.4271 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, 83) }
```

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

```
.background{ background-color: rgb(141,  
141, 83) }
```

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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