

Converting Colors

$Y_{xy}(25.2321, 0.3403, 0.4055)$

Have a look what the booklet for
Yxy(25.2321, 0.3403, 0.4055)
contains.

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Color

Yxy(25.2321, 0.3403, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	818F64
RGB	129, 143, 100
RGB Percent	51%, 56%, 39%
CMY	0.4942, 0.4392, 0.6077
CMYK	0.10, 0.00, 0.30, 0.44
HSL	80°, 18%, 48%
HSV	80°, 30%, 56%
XYZ	21.1751, 25.2321, 15.8175
YIQ	133.9120, 5.4590, -16.3410

Conversions

Conversions Part 2

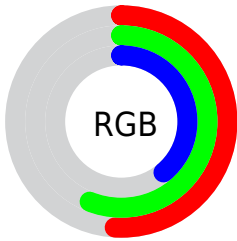
Format	Color
RYB	100, 143, 114
Decimal	8490852
CIELab	57.30, -12.84, 21.24
CIElCh	57, 24.824, 121.156
Yxy	25.2321, 0.3403, 0.4055
Android (android.graphics.Color)	4286680932 (0xFF818F64)
YUV	133.9120, -16.7186, -4.3078
Hunter-Lab	50.2316, -12.6588, 16.4922

Details

The Yxy color **25.2321, 0.3403, 0.4055** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.6838, 0.2786, 0.2484**, and the grayscale version is **23.8675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1120, 0.3348, 0.3891**, and **9.7480, 0.3479, 0.4358** is the 20% darker color. If you saturate the color by 10%, you get **24.6230, 0.3487, 0.4325**, and if you desaturate by 10%, it is **25.9087, 0.3313, 0.3788**.

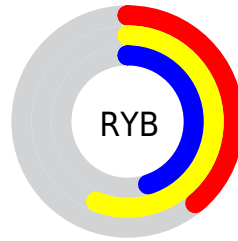
Distribution



Red (51%)

Green (56%)

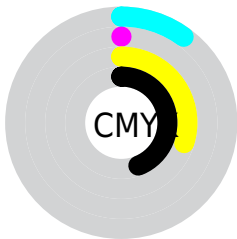
Blue (39%)



Red (39%)

Yellow (56%)

Blue (45%)

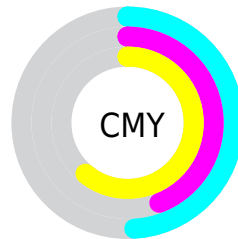


Cyan (10%)

Magenta (0%)

Yellow (30%)

Black (44%)



Cyan (49%)


Magenta (44%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2321, 0.3403, 0.4055 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 25.2321, 0.3403, 0.4055 by changing the saturation by 10% instead.


 25.2321, 0.3403,
0.4055


 25.2321, 0.3403,
0.4055

278.9919, 0.3259,
0.3623


 16.2501, 0.3440,
0.4182


 52.0335, 0.3350,
0.3885

 9.7013, 0.3486,
0.4358


 70.6217, 0.3330,
0.3825

 5.2013, 0.3543,
0.4616

 93.1807, 0.3313,
0.3776

 2.3659, 0.3640,
0.5073

 120.0949, 0.3299,
0.3735

 0.8083, 0.3600,
0.6400

151.7487, 0.3287,
0.3701

 0.0000, 0.0000,
0.0000

188.5265, 0.3276,

0.3671

230.8128, 0.3267,
0.3646

■ 25.2321, 0.3403,
0.4055

■ 25.2321, 0.3403,
0.4055

■ 24.6230, 0.3487,
0.4325

■ 25.9087, 0.3313,
0.3788

■ 24.0754, 0.3560,
0.4591

■ 26.6521, 0.3220,
0.3532

■ 23.5873, 0.3618,
0.4840

■ 27.4657, 0.3128,
0.3291


■ 23.1554, 0.3657,
0.5063


■ 28.3520, 0.3038,
0.3068

■ 22.7761, 0.3673,
0.5247

■ 29.3130, 0.2952,
0.2862

 22.4451, 0.3665,
0.5387

 30.3507, 0.2871,
0.2676

 22.1524, 0.3640,
0.5492

 31.4673, 0.2796,
0.2507

 32.6645, 0.2726,
0.2355

 33.9443, 0.2661,
0.2219

Harmonies

Analogous

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



25.2321, 0.3767, 0.3982



25.2321, 0.3403, 0.4055



25.2321, 0.2980, 0.3883

Triad

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



25.2321, 0.3403, 0.4055



25.2321, 0.2352, 0.2778



25.2321, 0.3649, 0.3060

Complementary

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



25.2321, 0.3403, 0.4055



14.6838, 0.2786, 0.2484

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.



25.2321, 0.3233, 0.2786



25.2321, 0.3403, 0.4055



25.2321, 0.2500, 0.2618

Square

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



25.2321, 0.3403, 0.4055



25.2321, 0.2390, 0.3099



25.2321, 0.2814, 0.2627



25.2321, 0.3923, 0.3396

Rectangle

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



25.2321, 0.3403, 0.4055



25.2321, 0.2723, 0.3651



25.2321, 0.2814, 0.2627



25.2321, 0.3519, 0.2959

Sweetspot

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



25.2332, 0.3403, 0.4055



47.8461, 0.3212, 0.3511



18.7138, 0.3702, 0.3533



10.9297, 0.3224, 0.3544



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.



25.2332, 0.3403, 0.4055



44.4391, 0.3460, 0.4236



23.7497, 0.3170, 0.4114



6.1984, 0.3212, 0.3511



19.5967, 0.3643, 0.5490



0.1993, 0.3908, 0.5279

Inverse Universe

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



14.6838, 0.2786, 0.2484



22.4404, 0.2691, 0.2281



16.2644, 0.3057, 0.2546



5.3351, 0.3037, 0.3066



2.2911, 0.1759, 0.0743



0.0329, 0.2229, 0.1002

Previews

White Background



This preview shows how the Yxy color 25.2321, 0.3403, 0.4055 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 25.2321, 0.3403, 0.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

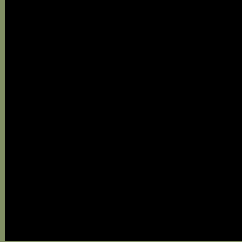
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

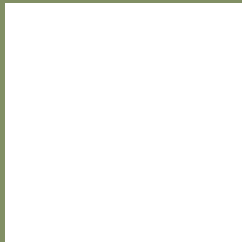
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.2321, 0.3403, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 25.2321, 0.3403, 0.4055.



This preview shows how white text looks on a background with the Yxy color 25.2321, 0.3403, 0.4055.

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

25.2321, 0.3403, 0.4055

Protanopia

25.0691, 0.3674, 0.3942

Deuteranopia

25.1432, 0.3827, 0.3766



Tritanopia

25.2637, 0.3006, 0.3107

Trichromacy



Original Color

25.2321, 0.3403, 0.4055

Protanomaly

25.0288, 0.3569, 0.3976

Deuteranomaly

25.0319, 0.3670, 0.3872

Tritanomaly

25.0905, 0.3143, 0.3428

Monochromacy



Original Color

25.2321, 0.3403, 0.4055

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2020, 0.3227, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2321, 0.3403, 0.4055 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(129, 143, 100)` looks like.

```
.text, #text, p{  
    color:rgb(129, 143, 100)  
}
```

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(129, 143, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 143, 100) }
```

Border

The CSS property to change the border of an element to Yxy 25.2321, 0.3403, 0.4055 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(129, 143, 100) }
```

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

```
.border{ border-color:rgb(129, 143, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 143, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 143, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 143, 100);  
box-shadow:4px 4px 4px 4px rgb(129, 143,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2321, 0.3403, 0.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 143, 100) }
```

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

```
.background{ background-color: rgb(129,  
143, 100) }
```

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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