

Converting Colors

$Y_{xy}(25.3202, 0.3421, 0.3734)$

Have a look what the booklet for
Yxy(25.3202, 0.3421, 0.3734)
contains.

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Color

Yxy(25.3202, 0.3421, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	8D8B71
RGB	141, 139, 113
RGB Percent	55%, 55%, 44%
CMY	0.4471, 0.4549, 0.5568
CMYK	0.00, 0.01, 0.20, 0.45
HSL	56°, 11%, 50%
HSV	56°, 20%, 55%
XYZ	23.1978, 25.3202, 19.2919
YIQ	136.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

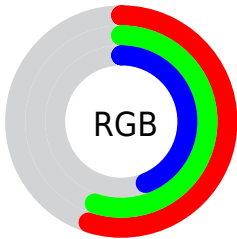
Format	Color
R_{YB}	115, 141, 113
Decimal	9276273
CIE Lab	57.39, -3.85, 14.20
CIE LCh	57, 14.709, 105.178
Yxy	25.3202, 0.3421, 0.3734
Android (android.graphics.Color)	4287466353 (0xFF8D8B71)
YUV	136.6340, -11.6516, 3.8290
Hunter-Lab	50.3192, -5.7679, 12.4922

Details

The Yxy color $25.3202, 0.3421, 0.3734$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.6979, 0.2812, 0.2804$, and the grayscale version is $24.9137, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0180, 0.3361, 0.3631$, and $9.7506, 0.3535, 0.3899$ is the 20% darker color. If you saturate the color by 10%, you get $24.7387, 0.3575, 0.3962$, and if you desaturate by 10%, it is $25.9559, 0.3270, 0.3507$.

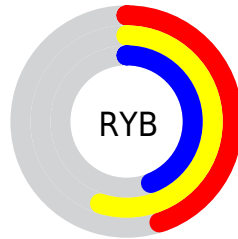
Distribution



Red (55%)

Green (55%)

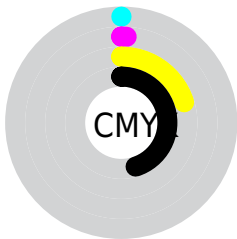
Blue (44%)



Red (45%)

Yellow (55%)

Blue (44%)

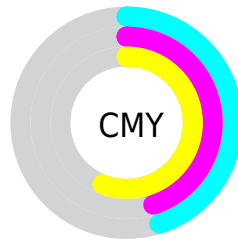


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (45%)



Cyan (45%)


Magenta (45%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3202, 0.3421, 0.3734 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 25.3202, 0.3421, 0.3734 by changing the saturation by 10% instead.


 25.3202, 0.3421,
0.3734


 25.3202, 0.3421,
0.3734


279.4288, 0.3261,
0.3488


 16.3158, 0.3466,
0.3805


 52.1762, 0.3359,
0.3638

 9.7479, 0.3526,
0.3903


 70.7966, 0.3337,
0.3604

 5.2321, 0.3612,
0.4045

 93.3911, 0.3319,
0.3576

 2.3841, 0.3742,
0.4270

 120.3440, 0.3304,
0.3552

 0.8177, 0.4552,
0.5448

152.0399, 0.3290,
0.3532

 0.0000, 0.0000,
0.0000

188.8631, 0.3279,

0.3515

231.1979, 0.3269,
0.3501

■ 25.3202, 0.3421,
0.3734

■ 25.3202, 0.3421,
0.3734

■ 24.7387, 0.3575,
0.3962

■ 25.9559, 0.3270,
0.3507

■ 24.2059, 0.3727,
0.4184

■ 26.6447, 0.3125,
0.3287

■ 23.7203, 0.3871,
0.4391

■ 27.3896, 0.2988,
0.3077

■ 23.2793, 0.4003,
0.4574

■ 28.1925, 0.2861,
0.2880

■ 22.8800, 0.4117,
0.4725

■ 29.0553, 0.2744,
0.2697

■ 22.5189, 0.4208,
0.4838

■ 29.9797, 0.2636,
0.2528

■ 22.1923, 0.4273,
0.4910

■ 30.9674, 0.2539,
0.2375

■ 21.8894, 0.4320,
0.4951

■ 32.0198, 0.2451,
0.2235

■ 21.8847, 0.4320,
0.4952

■ 33.1386, 0.2372,
0.2108

Harmonies

Analogous

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



25.3202, 0.3586, 0.3641



25.3202, 0.3421, 0.3734



25.3202, 0.3181, 0.3701

Triad

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



25.3202, 0.3421, 0.3734



25.3202, 0.2654, 0.3085



25.3202, 0.3313, 0.3055

Complementary

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



25.3202, 0.3421, 0.3734



17.6979, 0.2812, 0.2804

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.



25.3202, 0.3057, 0.2918



25.3202, 0.3421, 0.3734



25.3202, 0.2685, 0.2928

Square

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



25.3202, 0.3421, 0.3734



25.3202, 0.2743, 0.3312



25.3202, 0.2829, 0.2871



25.3202, 0.3524, 0.3250

Rectangle

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



25.3202, 0.3421, 0.3734



25.3202, 0.3013, 0.3607



25.3202, 0.2829, 0.2871



25.3202, 0.3229, 0.3001

Sweetspot

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



25.3213, 0.3421, 0.3734



46.9332, 0.3215, 0.3424



18.7220, 0.3472, 0.3250



10.4678, 0.3223, 0.3436



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.



25.3213, 0.3421, 0.3734



44.8512, 0.3493, 0.3841



24.9345, 0.3282, 0.3787



6.2206, 0.3260, 0.3492



19.9659, 0.4320, 0.4952



0.2036, 0.4251, 0.5007

Inverse Universe

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



17.6979, 0.2812, 0.2804



28.5256, 0.2728, 0.2672



18.0723, 0.2948, 0.2786



5.3128, 0.2990, 0.3079



1.9623, 0.1518, 0.0664



0.0286, 0.1599, 0.0956

Previews

White Background



This preview shows how the Yxy color 25.3202, 0.3421, 0.3734 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 25.3202, 0.3421, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

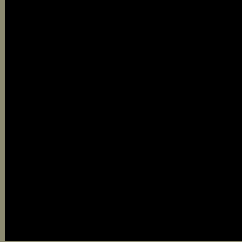
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

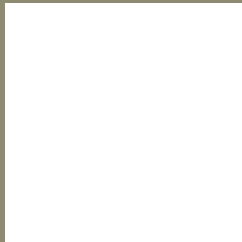
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3202, 0.3421, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 25.3202, 0.3421, 0.3734.



This preview shows how white text looks on a background with the Yxy color 25.3202, 0.3421, 0.3734.

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

25.3202, 0.3421, 0.3734

Protanopia

25.1722, 0.3497, 0.3711

Deuteranopia

25.0884, 0.3651, 0.3580



Tritanopia

25.3920, 0.3135, 0.3127

Trichromacy



Original Color

25.3202, 0.3421, 0.3734

Protanomaly

25.2761, 0.3470, 0.3730

Deuteranomaly

25.2183, 0.3554, 0.3636

Tritanomaly

25.2311, 0.3249, 0.3340

Monochromacy



Original Color

25.3202, 0.3421, 0.3734

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1387, 0.3230, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3202, 0.3421, 0.3734 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, 139, 113)` looks like.

```
.text, #text, p{  
    color:rgb(141, 139, 113)  
}
```

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, 139, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 139, 113) }
```

Border

The CSS property to change the border of an element to Yxy 25.3202, 0.3421, 0.3734 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, 139, 113) }
```

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

```
.border{ border-color:rgb(141, 139, 113) }
```

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

Here you see how a box with a 4 pixel rgb(141, 139, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 139, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 139, 113);  
box-shadow:4px 4px 4px 4px rgb(141, 139,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3202, 0.3421, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 139, 113) }
```

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

```
.background{ background-color: rgb(141,  
139, 113) }
```

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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