

Converting Colors

$Y_{xy}(25.0249, 0.3429, 0.3501)$

Have a look what the booklet for
Yxy(25.0249, 0.3429, 0.3501)
contains.

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Color

Yxy(25.1226, 0.3429, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	95877A
RGB	149, 135, 122
RGB Percent	58%, 53%, 48%
CMY	0.4157, 0.4706, 0.5216
CMYK	0.00, 0.09, 0.18, 0.42
HSL	29°, 11%, 53%
HSV	29°, 18%, 58%
XYZ	24.5708, 25.1226, 21.9626
YIQ	137.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

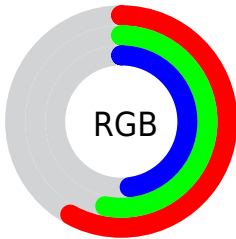
Format	Color
R_{YB}	149, 147, 122
Decimal	9799546
CIE Lab	57.19, 3.02, 8.91
CIE LCh	57, 9.404, 71.259
Yxy	25.1226, 0.3429, 0.3506
Android (android.graphics.Color)	4287989626 (0xFF95877A)
YUV	137.7040, -7.7421, 9.9066
Hunter-Lab	50.1225, -0.2107, 9.1061

Details

The Yxy color **25.1226, 0.3429, 0.3506** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9114, 0.2851, 0.3064**, and the grayscale version is **25.3238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7189, 0.3365, 0.3463**, and **9.5747, 0.3552, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **22.7051, 0.3628, 0.3632**, and if you desaturate by 10%, it is **27.7553, 0.3253, 0.3384**.

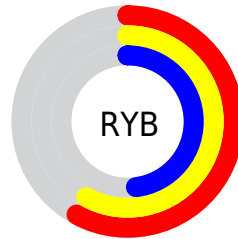
Distribution



Red (58%)

Green (53%)

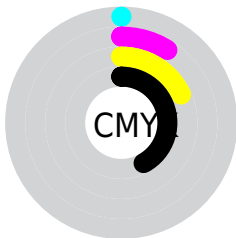
Blue (48%)



Red (58%)

Yellow (58%)

Blue (48%)

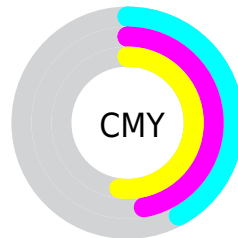


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (42%)



Cyan (42%)


Magenta (47%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1226, 0.3429, 0.3506 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 25.1226, 0.3429, 0.3506 by changing the saturation by 10% instead.


 25.1226, 0.3429,
0.3506


 25.1226, 0.3429,
0.3506


278.4479, 0.3262,
0.3388


 16.1684, 0.3477,
0.3539


 51.8560, 0.3364,
0.3461

 9.6434, 0.3543,
0.3584


 70.4041, 0.3341,
0.3444

 5.1632, 0.3640,
0.3649

 92.9189, 0.3322,
0.3431

 2.3433, 0.3794,
0.3749

119.7849, 0.3306,
0.3420

 0.7965, 0.4438,
0.4255

151.3863, 0.3293,
0.3410

 0.0000, 0.0000,
0.0000

188.1077, 0.3281,

0.3402

230.3335, 0.3271,
0.3394

■ 25.1226, 0.3429,
0.3506

■ 25.1226, 0.3429,
0.3506

■ 22.7051, 0.3628,
0.3632

■ 27.7553, 0.3253,
0.3384

■ 20.4935, 0.3852,
0.3760

■ 30.6053, 0.3100,
0.3269

■ 18.4829, 0.4100,
0.3882

■ 33.6793, 0.2966,
0.3162

■ 16.6665, 0.4366,
0.3990

■ 36.9822, 0.2850,
0.3063

■ 15.0376, 0.4642,
0.4074

■ 40.5193, 0.2748,
0.2972

■ 13.5884, 0.4916,
0.4121

■ 44.2951, 0.2660,
0.2888

■ 12.3107, 0.5169,
0.4121

■ 48.3144, 0.2582,
0.2812

■ 11.1919, 0.5393,
0.4076

■ 52.5817, 0.2514,
0.2742

■ 10.9974, 0.5435,
0.4066

■ 57.0310, 0.2460,
0.2689

Harmonies

Analogous

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



25.1226, 0.3441, 0.3388



25.1226, 0.3429, 0.3506



25.1226, 0.3334, 0.3570

Triad

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



25.1226, 0.3429, 0.3506



25.1226, 0.2892, 0.3326



25.1226, 0.3063, 0.3040

Complementary

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



25.1226, 0.3429, 0.3506



23.9114, 0.2851, 0.3064

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.



25.1226, 0.2920, 0.3019



25.1226, 0.3429, 0.3506



25.1226, 0.2823, 0.3179

Square

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



25.1226, 0.3429, 0.3506



25.1226, 0.3024, 0.3467



25.1226, 0.2833, 0.3068



25.1226, 0.3227, 0.3123

Rectangle

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



25.1226, 0.3429, 0.3506



25.1226, 0.3239, 0.3570



25.1226, 0.2833, 0.3068



25.1226, 0.3011, 0.3025

Sweetspot

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



25.1237, 0.3429, 0.3506



51.2083, 0.3205, 0.3349



22.0950, 0.3292, 0.3053



11.2781, 0.3215, 0.3356



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.1237, 0.3429, 0.3506



43.0760, 0.3512, 0.3560



29.0063, 0.3393, 0.3713



6.2489, 0.3271, 0.3397



9.3146, 0.5425, 0.4075



0.1725, 0.4798, 0.4572

Inverse Universe

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



23.9114, 0.2851, 0.3064



40.4671, 0.2784, 0.3004



20.4453, 0.2839, 0.2829



6.1003, 0.2989, 0.3181



6.3781, 0.1799, 0.1678



0.1371, 0.2009, 0.2432

Previews

White Background



This preview shows how the Yxy color 25.1226, 0.3429, 0.3506 looks on a white background.

Color Contrast Check

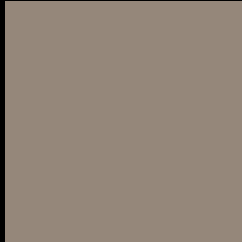
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1226, 0.3429, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

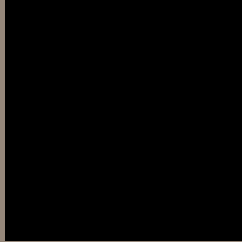
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1226, 0.3429, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 25.1226, 0.3429, 0.3506.



This preview shows how white text looks on a background with the Yxy color 25.1226, 0.3429, 0.3506.

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

25.1226, 0.3429, 0.3506

Protanopia

25.1610, 0.3343, 0.3527

Deuteranopia

25.0005, 0.3510, 0.3436



Tritanopia

25.1309, 0.3249, 0.3130

Trichromacy



Original Color

25.1226, 0.3429, 0.3506

Protanomaly

25.0581, 0.3368, 0.3508

Deuteranomaly

24.9774, 0.3471, 0.3454

Tritanomaly

25.1036, 0.3313, 0.3258

Monochromacy



Original Color

25.1226, 0.3429, 0.3506

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.3080, 0.3235, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1226, 0.3429, 0.3506 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(149, 135, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 135, 122)  
}
```

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(149, 135, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 135, 122) }
```

Border

The CSS property to change the border of an element to Yxy 25.1226, 0.3429, 0.3506 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(149, 135, 122) }
```

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

```
.border{ border-color:rgb(149, 135, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 135, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 135, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 135, 122); box-shadow:4px 4px 4px 4px rgb(149, 135, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1226, 0.3429, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 135, 122) }
```

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

```
.background{ background-color: rgb(149,  
135, 122) }
```

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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