

Converting Colors

$Y_{xy}(24.9071, 0.3444, 0.3591)$

Have a look what the booklet for
Yxy(24.9071, 0.3444, 0.3591)
contains.

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Color

Yxy(25.0273, 0.3435, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	928876
RGB	146, 136, 118
RGB Percent	57%, 53%, 46%
CMY	0.4275, 0.4666, 0.5373
CMYK	0.00, 0.07, 0.19, 0.43
HSL	39°, 11%, 52%
HSV	39°, 19%, 57%
XYZ	23.9267, 25.0273, 20.7017
YIQ	136.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

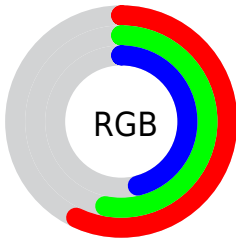
Format	Color
R_YB	134, 146, 118
Decimal	9603190
CIE Lab	57.10, 0.61, 11.03
CIE LCh	57, 11.051, 86.822
Yxy	25.0273, 0.3435, 0.3593
Android (android.graphics.Color)	4287793270 (0xFF928876)
YUV	136.9380, -9.3364, 7.9474
Hunter-Lab	50.0273, -2.1759, 10.4844

Details

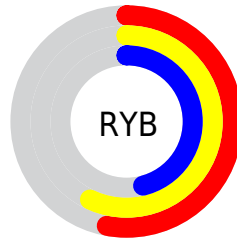
The Yxy color **25.0273, 0.3435, 0.3593** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3553, 0.2831, 0.2967**, and the grayscale version is **25.0241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5768, 0.3369, 0.3527**, and **9.5307, 0.3543, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **23.2768, 0.3619, 0.3759**, and if you desaturate by 10%, it is **26.9050, 0.3267, 0.3432**.

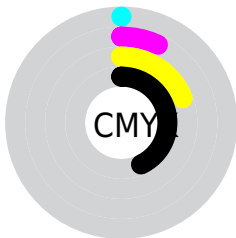
Distribution



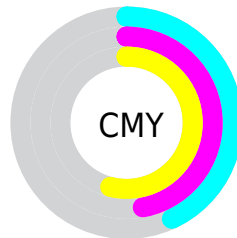
- Red (57%)
- Green (53%)
- Blue (46%)



- Red (53%)
- Yellow (57%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (43%)





- Cyan (43%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0273, 0.3435, 0.3593 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 25.0273, 0.3435, 0.3593 by changing the saturation by 10% instead.


 25.0273, 0.3435,
0.3593


 25.0273, 0.3435,
0.3593


277.9739, 0.3265,
0.3426


 16.0974, 0.3484,
0.3640


 51.7015, 0.3369,
0.3528

 9.5931, 0.3550,
0.3705


 70.2146, 0.3346,
0.3505

 5.1300, 0.3647,
0.3799

 92.6909, 0.3326,
0.3486

 2.3237, 0.3799,
0.3946

119.5147, 0.3310,
0.3470

 0.7862, 0.4667,
0.4814

151.0706, 0.3296,
0.3457

 0.0000, 0.0000,
0.0000

187.7428, 0.3284,

0.3445

229.9157, 0.3274,
0.3435

■ 25.0273, 0.3435,
0.3593

■ 25.0273, 0.3435,
0.3593

■ 23.2768, 0.3619,
0.3759

■ 26.9050, 0.3267,
0.3432

■ 21.6467, 0.3816,
0.3923

■ 28.9099, 0.3116,
0.3278

■ 20.1344, 0.4025,
0.4080

■ 31.0461, 0.2980,
0.3133

■ 18.7359, 0.4238,
0.4221

■ 33.3167, 0.2858,
0.2999

■ 17.4471, 0.4447,
0.4334

■ 35.7245, 0.2750,
0.2875

■ 16.2632, 0.4643,
0.4410

■ 38.2724, 0.2655,
0.2760

■ 15.1789, 0.4815,
0.4440

■ 40.9629, 0.2569,
0.2656

■ 14.1830, 0.4965,
0.4431

■ 43.7988, 0.2494,
0.2560

■ 14.1055, 0.4978,
0.4430

■ 46.7825, 0.2426,
0.2472

Harmonies

Analogous

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



25.0273, 0.3503, 0.3481



25.0273, 0.3435, 0.3593



25.0273, 0.3284, 0.3625

Triad

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



25.0273, 0.3435, 0.3593



25.0273, 0.2799, 0.3239



25.0273, 0.3151, 0.3040

Complementary

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



25.0273, 0.3435, 0.3593



21.3553, 0.2831, 0.2967

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.



25.0273, 0.2964, 0.2975



25.0273, 0.3435, 0.3593



25.0273, 0.2765, 0.3083

Square

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



25.0273, 0.3435, 0.3593



25.0273, 0.2918, 0.3416



25.0273, 0.2824, 0.2989



25.0273, 0.3336, 0.3166

Rectangle

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



25.0273, 0.3435, 0.3593



25.0273, 0.3159, 0.3592



25.0273, 0.2824, 0.2989



25.0273, 0.3086, 0.3010

Sweetspot

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



25.0284, 0.3435, 0.3593



48.5270, 0.3219, 0.3384



20.6274, 0.3360, 0.3116



10.7520, 0.3228, 0.3392



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.



25.0284, 0.3435, 0.3593



42.8074, 0.3512, 0.3663



27.6385, 0.3365, 0.3758



6.4002, 0.3267, 0.3432



12.4562, 0.4973, 0.4434



0.2083, 0.4553, 0.4767

Inverse Universe

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



21.3553, 0.2831, 0.2967



35.1190, 0.2760, 0.2886



19.1433, 0.2862, 0.2789



5.9512, 0.2989, 0.3144



4.0312, 0.1662, 0.1182



0.1013, 0.1892, 0.2010

Previews

White Background



This preview shows how the Yxy color 25.0273, 0.3435, 0.3593 looks on a white background.

Color Contrast Check

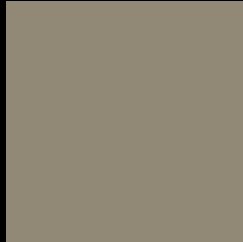
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0273, 0.3435, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

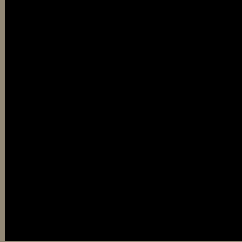
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0273, 0.3435, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 25.0273, 0.3435, 0.3593.



This preview shows how white text looks on a background with the Yxy color 25.0273, 0.3435, 0.3593.

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

25.0273, 0.3435, 0.3593

Protanopia

25.1286, 0.3408, 0.3611

Deuteranopia

25.0025, 0.3568, 0.3501



Tritanopia

24.8753, 0.3204, 0.3113

Trichromacy



Original Color

25.0273, 0.3435, 0.3593

Protanomaly

25.2191, 0.3420, 0.3610

Deuteranomaly

24.8793, 0.3517, 0.3520

Tritanomaly

24.7922, 0.3289, 0.3274

Monochromacy



Original Color

25.0273, 0.3435, 0.3593

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0785, 0.3233, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0273, 0.3435, 0.3593 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(146, 136, 118)` looks like.

```
.text, #text, p{  
    color:rgb(146, 136, 118)  
}
```

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(146, 136, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 136, 118) }
```

Border

The CSS property to change the border of an element to Yxy 25.0273, 0.3435, 0.3593 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(146, 136, 118) }
```

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

```
.border{ border-color:rgb(146, 136, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 136, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 136, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 136, 118);  
box-shadow:4px 4px 4px 4px rgb(146, 136,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0273, 0.3435, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 136, 118) }
```

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

```
.background{ background-color: rgb(146,  
136, 118) }
```

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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