

Converting Colors

$Y_{xy}(26.0336, 0.3286, 0.3401)$

Have a look what the booklet for
Yxy(26.0336, 0.3286, 0.3401)
contains.

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Color

Yxy(25.9539, 0.3279, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	928A84
RGB	146, 138, 132
RGB Percent	57%, 54%, 52%
CMY	0.4273, 0.4588, 0.4823
CMYK	0.00, 0.06, 0.10, 0.43
HSL	26°, 6%, 55%
HSV	26°, 10%, 57%
XYZ	25.1115, 25.9539, 25.5174
YIQ	139.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

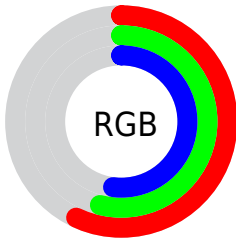
Format	Color
R_{YB}	146, 143, 132
Decimal	9603716
CIE _{Lab}	57.99, 1.90, 4.27
CIE _{LCh}	58, 4.670, 66.019
Yxy	25.9539, 0.3279, 0.3389
Android (android.graphics.Color)	4287793796 (0xFF928A84)
YUV	139.7080, -3.8000, 5.5181
Hunter-Lab	50.9450, -1.1685, 5.9642

Details

The Yxy color **25.9539, 0.3279, 0.3389** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7504, 0.2983, 0.3189**, and the grayscale version is **26.1214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0437, 0.3247, 0.3364**, and **10.0369, 0.3322, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **23.2737, 0.3461, 0.3498**, and if you desaturate by 10%, it is **28.8774, 0.3121, 0.3286**.

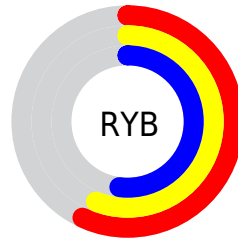
Distribution



Red (57%)

Green (54%)

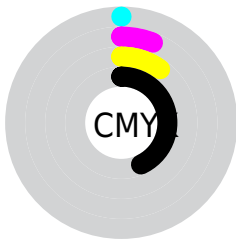
Blue (52%)



Red (57%)

Yellow (56%)

Blue (52%)

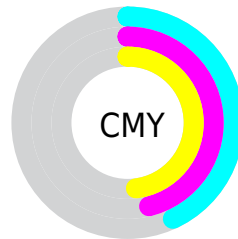


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (43%)



Cyan (43%)


Magenta (46%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9539, 0.3279, 0.3389 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 25.9539, 0.3279, 0.3389 by changing the saturation by 10% instead.


 25.9539, 0.3279,
0.3389


 25.9539, 0.3279,
0.3389


282.5557, 0.3196,
0.3335


 16.7892, 0.3303,
0.3404


 53.2006, 0.3247,
0.3368

 10.0843, 0.3336,
0.3425


 72.0513, 0.3235,
0.3361

 5.4549, 0.3383,
0.3455

 94.8994, 0.3226,
0.3355

 2.5165, 0.3459,
0.3502

122.1294, 0.3218,
0.3349

 0.8849, 0.3643,
0.3629

154.1257, 0.3211,
0.3345

 0.0000, 0.0000,
0.0000

191.2725, 0.3205,

0.3341

233.9544, 0.3200,
0.3338

■ 25.9539, 0.3279,
0.3389

■ 25.9539, 0.3279,
0.3389

■ 23.2737, 0.3461,
0.3498

■ 28.8774, 0.3121,
0.3286

■ 20.8268, 0.3670,
0.3611

■ 32.0469, 0.2985,
0.3190

■ 18.6077, 0.3907,
0.3724

■ 35.4695, 0.2867,
0.3102

■ 16.6092, 0.4171,
0.3831

■ 39.1509, 0.2766,
0.3020

■ 14.8239, 0.4459,
0.3924

■ 43.0967, 0.2677,
0.2946

■ 13.2435, 0.4760,
0.3991

■ 47.3122, 0.2601,
0.2878

■ 11.8595, 0.5058,
0.4021

■ 51.8027, 0.2534,
0.2816

■ 10.6622, 0.5333,
0.4003

■ 56.5731, 0.2475,
0.2759

■ 9.6355, 0.5579,
0.3946

■ 61.0734, 0.2462,
0.2796

Harmonies

Analogous

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



25.9539, 0.3277, 0.3328



25.9539, 0.3279, 0.3389



25.9539, 0.3240, 0.3424

Triad

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



25.9539, 0.3279, 0.3389



25.9539, 0.3021, 0.3321



25.9539, 0.3083, 0.3161

Complementary

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



25.9539, 0.3279, 0.3389



25.7504, 0.2983, 0.3189

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.



25.9539, 0.3015, 0.3158



25.9539, 0.3279, 0.3389



25.9539, 0.2980, 0.3249

Square

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



25.9539, 0.3279, 0.3389



25.9539, 0.3090, 0.3386



25.9539, 0.2978, 0.3189



25.9539, 0.3163, 0.3198

Rectangle

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



25.9539, 0.3279, 0.3389



25.9539, 0.3196, 0.3428



25.9539, 0.2978, 0.3189



25.9539, 0.3058, 0.3156

Sweetspot

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



25.9550, 0.3279, 0.3389



49.0902, 0.3173, 0.3321



24.5166, 0.3200, 0.3156



10.8331, 0.3185, 0.3329



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.



25.9550, 0.3279, 0.3389



44.4787, 0.3325, 0.3417



27.9882, 0.3267, 0.3500



6.1983, 0.3272, 0.3385



8.4851, 0.5581, 0.3951



0.1604, 0.4900, 0.4491

Inverse Universe

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



25.7504, 0.2983, 0.3189



44.0267, 0.2943, 0.3159



23.8049, 0.2983, 0.3071



6.1515, 0.2989, 0.3193



7.4039, 0.1851, 0.1864



0.1492, 0.2043, 0.2555

Previews

White Background



This preview shows how the Yxy color 25.9539, 0.3279, 0.3389 looks on a white background.

Color Contrast Check

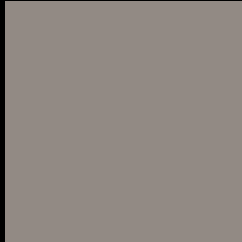
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9539, 0.3279, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

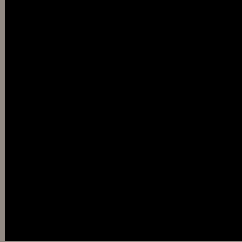
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9539, 0.3279, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 25.9539, 0.3279, 0.3389.



This preview shows how white text looks on a background with the Yxy color 25.9539, 0.3279, 0.3389.

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

25.9539, 0.3279, 0.3389

Protanopia

25.9708, 0.3243, 0.3407

Deuteranopia

25.9900, 0.3377, 0.3323



Tritanopia

25.9795, 0.3157, 0.3130

Trichromacy



Original Color

25.9539, 0.3279, 0.3389

Protanomaly

26.0605, 0.3254, 0.3406

Deuteranomaly

25.9772, 0.3340, 0.3339

Tritanomaly

26.0175, 0.3197, 0.3225

Monochromacy



Original Color

25.9539, 0.3279, 0.3389

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0222, 0.3180, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9539, 0.3279, 0.3389 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, 138, 132)` looks like.

```
.text, #text, p{  
    color:rgb(146, 138, 132)  
}
```

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, 138, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 138, 132) }
```

Border

The CSS property to change the border of an element to Yxy 25.9539, 0.3279, 0.3389 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, 138, 132) }
```

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

```
.border{ border-color:rgb(146, 138, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 138, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 138, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 138, 132);  
box-shadow:4px 4px 4px 4px rgb(146, 138,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9539, 0.3279, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 138, 132) }
```

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

```
.background{ background-color: rgb(146,  
138, 132) }
```

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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