

Converting Colors

$Y_{xy}(28.3779, 0.3818, 0.4235)$

Have a look what the booklet for
Yxy(28.3779, 0.3818, 0.4235)
contains.

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Color

Yxy(28.5241, 0.3811, 0.4234)

Conversions

Conversions Part 1

Format	Color
Hex	9B9357
RGB	155, 147, 87
RGB Percent	61%, 58%, 34%
CMY	0.3921, 0.4235, 0.6588
CMYK	0.00, 0.05, 0.44, 0.39
HSL	53°, 28%, 47%
HSV	53°, 44%, 61%
XYZ	25.6744, 28.5241, 13.1707
YIQ	142.5520, 24.0280, -16.9640

Conversions

Conversions Part 2

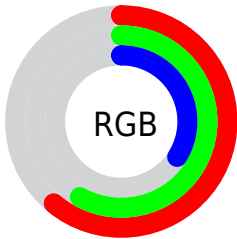
Format	Color
R_{YB}	96, 155, 87
Decimal	10195799
CIE _{Lab}	60.36, -5.92, 32.74
CIE _{LCh}	60, 33.274, 100.250
Yxy	28.5241, 0.3811, 0.4234
Android (android.graphics.Color)	4288385879 (0xFF9B9357)
YUV	142.5520, -27.3871, 10.9169
Hunter-Lab	53.4080, -7.6550, 22.7644

Details

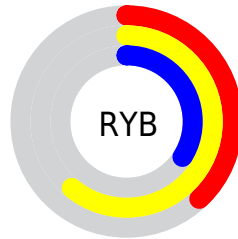
The Yxy color $28.5241, 0.3811, 0.4234$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.5833, 0.2354, 0.2124$, and the grayscale version is $27.3860, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.4572, 0.3681, 0.4041$, and $11.5207, 0.4008, 0.4562$ is the 20% darker color. If you saturate the color by 10%, you get $27.7346, 0.3963, 0.4427$, and if you desaturate by 10%, it is $29.3797, 0.3652, 0.4024$.

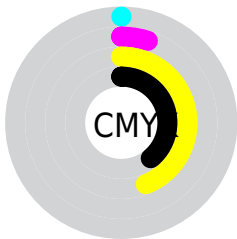
Distribution



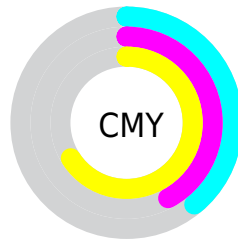
- Red (61%)
- Green (58%)
- Blue (34%)



- Red (38%)
- Yellow (61%)
- Blue (34%)



- Cyan (0%)
- Magenta (5%)
- Yellow (44%)
- Black (39%)





- Cyan (39%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5241, 0.3811, 0.4234 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 28.5241, 0.3811, 0.4234 by changing the saturation by 10% instead.


 28.5241, 0.3811,
0.4234


 28.5241, 0.3811,
0.4234


294.9629, 0.3454,
0.3726


 18.7211, 0.3900,
0.4369


 57.3201, 0.3680,
0.4042


 11.4689, 0.4012,
0.4545


 77.0819, 0.3631,
0.3972

 6.3832, 0.4150,
0.4779


 100.9321, 0.3590,
0.3914

 3.0794, 0.4456,
0.5262

 129.2551, 0.3554,
0.3864

 1.1734, 0.4474,
0.5526

 162.4353, 0.3524,
0.3822

 0.0398, 0.0000,
1.0000

200.8570, 0.3498,

 0.0000, 0.0000,

0.3786

0.0000

244.9048, 0.3475,
0.3754

■ 28.5241, 0.3811,
0.4234

■ 28.5241, 0.3811,
0.4234

■ 27.7346, 0.3963,
0.4427

■ 29.3797, 0.3652,
0.4024

■ 27.0036, 0.4100,
0.4593

■ 30.3007, 0.3492,
0.3805

■ 26.3286, 0.4219,
0.4724

■ 31.2914, 0.3334,
0.3586

■ 25.7050, 0.4312,
0.4814

■ 32.3545, 0.3183,
0.3371

■ 25.1273, 0.4380,
0.4860

■ 33.4928, 0.3041,
0.3165

■ 24.7871, 0.4414,
0.4878

■ 34.7087, 0.2910,
0.2972

■ 36.0045, 0.2789,
0.2792

■ 37.3825, 0.2679,
0.2626

■ 38.8449, 0.2579,
0.2474

Harmonies

Analogous

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



28.5241, 0.4150, 0.3948



28.5241, 0.3811, 0.4234



28.5241, 0.3305, 0.4258

Triad

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



28.5241, 0.3811, 0.4234



28.5241, 0.2158, 0.2889



28.5241, 0.3429, 0.2747

Complementary

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



28.5241, 0.3811, 0.4234



12.5833, 0.2354, 0.2124

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.



28.5241, 0.2875, 0.2502



28.5241, 0.3811, 0.4234



28.5241, 0.2184, 0.2550

Square

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



28.5241, 0.3811, 0.4234



28.5241, 0.2364, 0.3405



28.5241, 0.2432, 0.2426



28.5241, 0.3933, 0.3114

Rectangle

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



28.5241, 0.3811, 0.4234



28.5241, 0.2945, 0.4082



28.5241, 0.2432, 0.2426



28.5241, 0.3240, 0.2649

Sweetspot

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



28.5254, 0.3811, 0.4234



56.1391, 0.3325, 0.3572



14.6340, 0.4088, 0.3141



12.6203, 0.3357, 0.3618



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.5254, 0.3811, 0.4234



49.6350, 0.3965, 0.4430



28.8892, 0.3489, 0.4448



7.0985, 0.3263, 0.3485



19.9401, 0.4412, 0.4879



0.3287, 0.4303, 0.4966

Inverse Universe

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



12.5833, 0.2354, 0.2124



17.2264, 0.2152, 0.1802



12.6260, 0.2613, 0.2062



6.1379, 0.2988, 0.3088



2.2876, 0.1530, 0.0708



0.0611, 0.1655, 0.1156

Previews

White Background



This preview shows how the Yxy color 28.5241, 0.3811, 0.4234 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 28.5241, 0.3811, 0.4234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

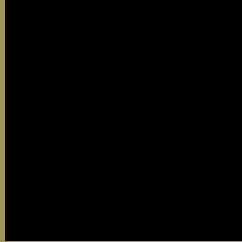
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5241, 0.3811, 0.4234

Background



This preview shows how black text looks on a background with the Yxy color 28.5241, 0.3811, 0.4234.



This preview shows how white text looks on a background with the Yxy color 28.5241, 0.3811, 0.4234.

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

28.5241, 0.3811, 0.4234

Protanopia

28.6006, 0.3873, 0.4219

Deuteranopia

28.4166, 0.4089, 0.4015



Tritanopia

28.3486, 0.3266, 0.3124

Trichromacy



Original Color

28.5241, 0.3811, 0.4234

Protanomaly

28.4988, 0.3861, 0.4223

Deuteranomaly

28.3754, 0.3985, 0.4100

Tritanomaly

28.2492, 0.3470, 0.3526

Monochromacy



Original Color

28.5241, 0.3811, 0.4234

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5796, 0.3371, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5241, 0.3811, 0.4234 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(155, 147, 87)` looks like.

```
.text, #text, p{  
    color:rgb(155, 147, 87)  
}
```

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(155, 147, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 147, 87) }
```

Border

The CSS property to change the border of an element to Yxy 28.5241, 0.3811, 0.4234 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(155, 147, 87) }
```

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

```
.border{ border-color:rgb(155, 147, 87) }
```

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

Here you see how a box with a 4 pixel rgb(155, 147, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 147, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 147, 87);  
box-shadow:4px 4px 4px 4px rgb(155, 147,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5241, 0.3811, 0.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 147, 87) }
```

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

```
.background{ background-color: rgb(155,  
147, 87) }
```

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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