

Converting Colors

$Y_{xy}(28.4340, 0.3577, 0.3740)$

Have a look what the booklet for
Yxy(28.4340, 0.3577, 0.3740)
contains.

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Color

Yxy(28.4534, 0.3579, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	9E9073
RGB	158, 144, 115
RGB Percent	62%, 56%, 45%
CMY	0.3805, 0.4352, 0.5490
CMYK	0.00, 0.09, 0.27, 0.38
HSL	41°, 18%, 54%
HSV	41°, 27%, 62%
XYZ	27.1632, 28.4534, 20.2794
YIQ	144.8800, 17.6530, -6.0510

Conversions

Conversions Part 2

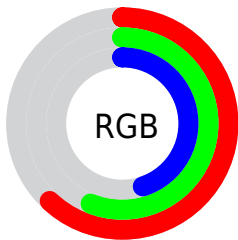
Format	Color
R_{YB}	136, 158, 115
Decimal	10391667
CIE _{Lab}	60.30, 0.48, 17.33
CIE _{LCh}	60, 17.335, 88.407
Yxy	28.4534, 0.3579, 0.3749
Android (android.graphics.Color)	4288581747 (0xFF9E9073)
YUV	144.8800, -14.7308, 11.5062
Hunter-Lab	53.3417, -2.4506, 14.7984

Details

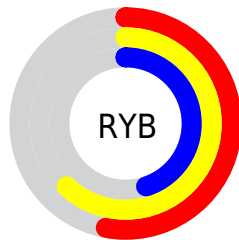
The Yxy color **28.4534, 0.3579, 0.3749** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.7993, 0.2692, 0.2784**, and the grayscale version is **28.3187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3243, 0.3485, 0.3659**, and **11.4748, 0.3730, 0.3905** is the 20% darker color. If you saturate the color by 10%, you get **26.6029, 0.3771, 0.3923**, and if you desaturate by 10%, it is **30.4394, 0.3400, 0.3575**.

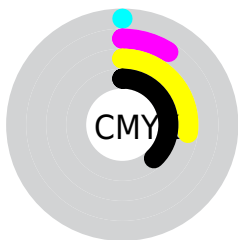
Distribution



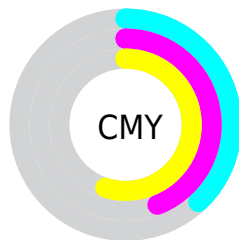
- Red (62%)
- Green (56%)
- Blue (45%)



- Red (53%)
- Yellow (62%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (38%)





- Cyan (38%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4534, 0.3579, 0.3749 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 28.4534, 0.3579, 0.3749 by changing the saturation by 10% instead.


 28.4534, 0.3579,
0.3749

 28.4534, 0.3579,
0.3749


294.6271, 0.3335,
0.3502

 18.6677, 0.3646,
0.3817


 57.2075, 0.3486,
0.3655


 11.4304, 0.3735,
0.3907


 76.9447, 0.3452,
0.3621

 6.3571, 0.3861,
0.4032


 100.7679, 0.3425,
0.3593

 3.0634, 0.4046,
0.4218

 129.0614, 0.3401,
0.3569

 1.1649, 0.4842,
0.5030

162.2097, 0.3381,
0.3549

 0.0328, 0.5670,
0.4330

200.5972, 0.3364,

 0.0000, 0.0000,

0.3531

0.0000

244.6082, 0.3349,
0.3516

■ 28.4534, 0.3579,
0.3749

■ 28.4534, 0.3579,
0.3749

■ 26.6029, 0.3771,
0.3923

■ 30.4394, 0.3400,
0.3575

■ 24.8799, 0.3972,
0.4090

■ 32.5609, 0.3236,
0.3407

■ 23.2814, 0.4176,
0.4241

■ 34.8228, 0.3087,
0.3246

■ 21.8024, 0.4376,
0.4366

■ 37.2286, 0.2953,
0.3095

■ 20.4378, 0.4563,
0.4454

■ 39.7817, 0.2833,
0.2955

■ 19.1816, 0.4726,
0.4498

■ 42.4851, 0.2726,
0.2826

■ 18.0247, 0.4861,
0.4495

■ 45.3421, 0.2631,
0.2707

■ 17.7142, 0.4899,
0.4492

■ 48.3555, 0.2546,
0.2599

■ 51.3879, 0.2482,
0.2521

Harmonies

Analogous

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



28.4534, 0.3693, 0.3580



28.4534, 0.3579, 0.3749



28.4534, 0.3345, 0.3798

Triad

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



28.4534, 0.3579, 0.3749



28.4534, 0.2633, 0.3194



28.4534, 0.3176, 0.2929

Complementary

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



28.4534, 0.3579, 0.3749



21.7993, 0.2692, 0.2784

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.



28.4534, 0.2895, 0.2827



28.4534, 0.3579, 0.3749



28.4534, 0.2592, 0.2966

Square

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



28.4534, 0.3579, 0.3749



28.4534, 0.2801, 0.3466



28.4534, 0.2685, 0.2837



28.4534, 0.3455, 0.3116

Rectangle

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



28.4534, 0.3579, 0.3749



28.4534, 0.3155, 0.3746



28.4534, 0.2685, 0.2837



28.4534, 0.3078, 0.2884

Sweetspot

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



28.4547, 0.3579, 0.3749



58.7792, 0.3251, 0.3422



21.1204, 0.3508, 0.3060



13.1235, 0.3274, 0.3446



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.4547, 0.3579, 0.3749



49.5027, 0.3701, 0.3861



32.2404, 0.3451, 0.3968



7.3570, 0.3268, 0.3441



14.2675, 0.4892, 0.4498



0.3284, 0.4556, 0.4764

Inverse Universe

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



21.7993, 0.2692, 0.2784



35.2413, 0.2580, 0.2642



18.8780, 0.2745, 0.2547



6.7694, 0.2988, 0.3135



3.9596, 0.1637, 0.1092



0.1432, 0.1851, 0.1862

Previews

White Background



This preview shows how the Yxy color 28.4534, 0.3579, 0.3749 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 28.4534, 0.3579, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

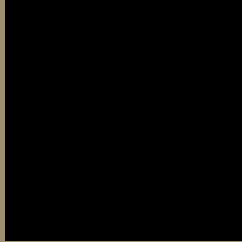
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4534, 0.3579, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 28.4534, 0.3579, 0.3749.



This preview shows how white text looks on a background with the Yxy color 28.4534, 0.3579, 0.3749.

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

28.4534, 0.3579, 0.3749

Protanopia

28.4803, 0.3531, 0.3753

Deuteranopia

28.5632, 0.3724, 0.3654



Tritanopia

28.3486, 0.3266, 0.3124

Trichromacy



Original Color

28.4534, 0.3579, 0.3749

Protanomaly

28.5797, 0.3542, 0.3751

Deuteranomaly

28.4177, 0.3673, 0.3675

Tritanomaly

28.4330, 0.3388, 0.3352

Monochromacy



Original Color

28.4534, 0.3579, 0.3749

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.4561, 0.3290, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4534, 0.3579, 0.3749 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(158, 144, 115)` looks like.

```
.text, #text, p{  
    color:rgb(158, 144, 115)  
}
```

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(158, 144, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 144, 115) }
```

Border

The CSS property to change the border of an element to Yxy 28.4534, 0.3579, 0.3749 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(158, 144, 115) }
```

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

```
.border{ border-color:rgb(158, 144, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 144, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 144, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 144, 115);  
box-shadow:4px 4px 4px 4px rgb(158, 144,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4534, 0.3579, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 144, 115) }
```

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

```
.background{ background-color: rgb(158,  
144, 115) }
```

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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