

Converting Colors

$Y_{xy}(28.3745, 0.3476, 0.4055)$

Have a look what the booklet for
Yxy(28.3745, 0.3476, 0.4055)
contains.

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Color

Yxy(28.4749, 0.3476, 0.4058)

Conversions

Conversions Part 1

Format	Color
Hex	8D9668
RGB	141, 150, 104
RGB Percent	55%, 59%, 41%
CMY	0.4470, 0.4118, 0.5922
CMYK	0.06, 0.00, 0.31, 0.41
HSL	72°, 18%, 50%
HSV	72°, 31%, 59%
XYZ	24.3910, 28.4749, 17.3039
YIQ	142.0650, 9.4020, -16.2140

Conversions

Conversions Part 2

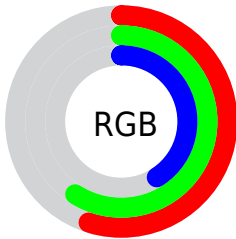
Format	Color
RYB	104, 150, 113
Decimal	9279080
CIELab	60.32, -11.21, 23.25
CIELCh	60, 25.807, 115.743
Yxy	28.4749, 0.3476, 0.4058
Android (android.graphics.Color)	4287469160 (0xFF8D9668)
YUV	142.0650, -18.7660, -0.9340
Hunter-Lab	53.3619, -11.7933, 18.1271

Details

The Yxy color $28.4749, 0.3476, 0.4058$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.6092, 0.2704, 0.2446$, and the grayscale version is $27.1513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1881, 0.3405, 0.3887$, and $11.3829, 0.3582, 0.4342$ is the 20% darker color. If you saturate the color by 10%, you get $27.9446, 0.3583, 0.4315$, and if you desaturate by 10%, it is $29.0688, 0.3363, 0.3800$.

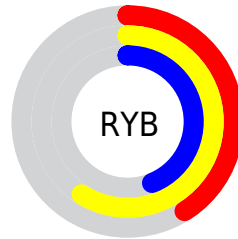
Distribution



Red (55%)

Green (59%)

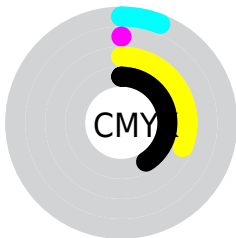
Blue (41%)



Red (41%)

Yellow (59%)

Blue (44%)

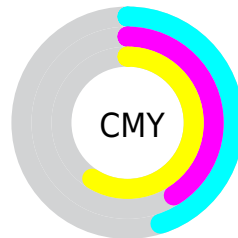


Cyan (6%)

Magenta (0%)

Yellow (31%)

Black (41%)



Cyan (45%)

Magenta (41%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4749, 0.3476, 0.4058 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 28.4749, 0.3476, 0.4058 by changing the saturation by 10% instead.

 28.4749, 0.3476,
0.4058


 28.4749, 0.3476,
0.4058


294.7293, 0.3295,
0.3634

 18.6840, 0.3522,
0.4178


 57.2418, 0.3409,
0.3894


 11.4421, 0.3580,
0.4341


 76.9864, 0.3384,
0.3835

 6.3650, 0.3654,
0.4572


 100.8179, 0.3363,
0.3787

 3.0683, 0.3748,
0.4929

 129.1204, 0.3346,
0.3747

 1.1675, 0.4101,
0.5899

162.2784, 0.3330,
0.3712

 0.0349, 0.0000,
1.0000

200.6762, 0.3317,

 0.0000, 0.0000,

0.3683

0.0000

244.6984, 0.3305,
0.3657

■ 28.4749, 0.3476,
0.4058

■ 28.4749, 0.3476,
0.4058

■ 27.9446, 0.3583,
0.4315

■ 29.0688, 0.3363,
0.3800

■ 27.4711, 0.3678,
0.4560

■ 29.7251, 0.3248,
0.3547

■ 27.0525, 0.3758,
0.4785

■ 30.4477, 0.3135,
0.3306

■ 26.6853, 0.3817,
0.4979


■ 31.2389, 0.3025,
0.3079

■ 26.3654, 0.3853,
0.5133

■ 32.1011, 0.2921,
0.2869

 26.0882, 0.3863,
0.5245

 33.0363, 0.2823,
0.2676

 25.8569, 0.3857,
0.5319

 34.0467, 0.2733,
0.2500

 35.1342, 0.2649,
0.2341

 36.3006, 0.2572,
0.2197

Harmonies

Analogous

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



28.4749, 0.3817, 0.3946



28.4749, 0.3476, 0.4058



28.4749, 0.3056, 0.3931

Triad

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



28.4749, 0.3476, 0.4058



28.4749, 0.2345, 0.2826



28.4749, 0.3580, 0.3004

Complementary

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



28.4749, 0.3476, 0.4058



15.6092, 0.2704, 0.2446

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.



28.4749, 0.3154, 0.2748



28.4749, 0.3476, 0.4058



28.4749, 0.2461, 0.2635

Square

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



28.4749, 0.3476, 0.4058



28.4749, 0.2418, 0.3170



28.4749, 0.2748, 0.2614



28.4749, 0.3888, 0.3333

Rectangle

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



28.4749, 0.3476, 0.4058



28.4749, 0.2789, 0.3720



28.4749, 0.2748, 0.2614



28.4749, 0.3444, 0.2908

Sweetspot

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



28.4762, 0.3476, 0.4058



52.6414, 0.3231, 0.3510



19.1654, 0.3750, 0.3436



11.6299, 0.3246, 0.3543



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.



28.4762, 0.3476, 0.4058



49.5812, 0.3552, 0.4240



26.7028, 0.3233, 0.4121



6.6881, 0.3231, 0.3511



21.4584, 0.3860, 0.5317



0.2744, 0.4031, 0.5181

Inverse Universe

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



15.6092, 0.2704, 0.2446



23.0704, 0.2585, 0.2221



17.2869, 0.2977, 0.2509



5.6842, 0.3017, 0.3063



2.0578, 0.1611, 0.0661



0.0352, 0.1964, 0.0856

Previews

White Background



This preview shows how the Yxy color 28.4749, 0.3476, 0.4058 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 28.4749, 0.3476, 0.4058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

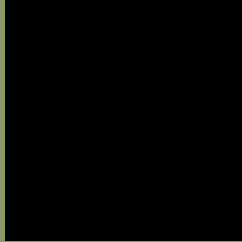
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4749, 0.3476, 0.4058

Background



This preview shows how black text looks on a background with the Yxy color 28.4749, 0.3476, 0.4058.



This preview shows how white text looks on a background with the Yxy color 28.4749, 0.3476, 0.4058.

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

28.4749, 0.3476, 0.4058

Protanopia

28.3782, 0.3698, 0.3971

Deuteranopia

28.2765, 0.3862, 0.3785



Tritanopia

28.6090, 0.3063, 0.3118

Trichromacy



Original Color

28.4749, 0.3476, 0.4058

Protanomaly

28.4260, 0.3610, 0.4002

Deuteranomaly

28.2419, 0.3723, 0.3885

Tritanomaly

28.3551, 0.3214, 0.3452

Monochromacy



Original Color

28.4749, 0.3476, 0.4058

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.5601, 0.3263, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4749, 0.3476, 0.4058 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(141, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(141, 150, 104)  
}
```

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(141, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 150, 104) }
```

Border

The CSS property to change the border of an element to Yxy 28.4749, 0.3476, 0.4058 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(141, 150, 104) }
```

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

```
.border{ border-color:rgb(141, 150, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 150, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(141, 150,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4749, 0.3476, 0.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 150, 104) }
```

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

```
.background{ background-color: rgb(141,  
150, 104) }
```

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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