

Converting Colors

$Y_{xy}(28.3142, 0.3626, 0.3946)$

Have a look what the booklet for
Yxy(28.3142, 0.3626, 0.3946)
contains.

Yxy(28.4477, 0.3629, 0.3947)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.4477, 0.3629, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	9A9269
RGB	154, 146, 105
RGB Percent	60%, 57%, 41%
CMY	0.3960, 0.4274, 0.5883
CMYK	0.00, 0.05, 0.32, 0.40
HSL	50°, 20%, 51%
HSV	50°, 32%, 60%
XYZ	26.1557, 28.4477, 17.4708
YIQ	143.7180, 17.9290, -11.0550

Conversions

Conversions Part 2

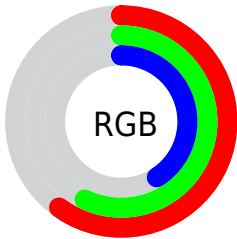
Format	Color
R_{YB}	115, 154, 105
Decimal	10130025
CIE Lab	60.29, -3.62, 22.86
CIE LCh	60, 23.142, 98.997
Yxy	28.4477, 0.3629, 0.3947
Android (android.graphics.Color)	4288320105 (0xFF9A9269)
YUV	143.7180, -19.0880, 9.0173
Hunter-Lab	53.3364, -5.8037, 17.9145

Details

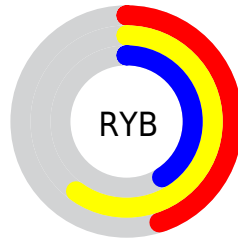
The Yxy color $28.4477, 0.3629, 0.3947$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.1429, 0.2595, 0.2534$, and the grayscale version is $27.8438, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.2982, 0.3524, 0.3807$, and $11.4859, 0.3792, 0.4188$ is the 20% darker color. If you saturate the color by 10%, you get $27.3934, 0.3796, 0.4151$, and if you desaturate by 10%, it is $29.5790, 0.3464, 0.3737$.

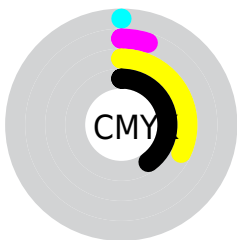
Distribution



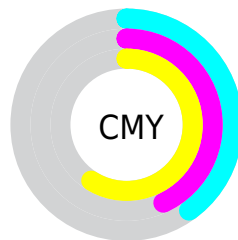
- Red (60%)
- Green (57%)
- Blue (41%)



- Red (45%)
- Yellow (60%)
- Blue (41%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4477, 0.3629, 0.3947 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 28.4477, 0.3629, 0.3947 by changing the saturation by 10% instead.

 28.4477, 0.3629,
0.3947


 28.4477, 0.3629,
0.3947


294.6001, 0.3362,
0.3591

 18.6634, 0.3700,
0.4045


 57.1984, 0.3528,
0.3811

 11.4273, 0.3794,
0.4175


 76.9337, 0.3491,
0.3762

 6.3550, 0.3920,
0.4357


 100.7547, 0.3461,
0.3721

 3.0621, 0.4096,
0.4623

 129.0458, 0.3435,
0.3687

 1.1643, 0.4630,
0.5370

162.1916, 0.3413,
0.3658

 0.0322, 0.0000,
1.0000

200.5762, 0.3393,

 0.0000, 0.0000,

0.3632

0.0000

244.5843, 0.3377,
0.3610

■ 28.4477, 0.3629,
0.3947

■ 28.4477, 0.3629,
0.3947

■ 27.3934, 0.3796,
0.4151

■ 29.5790, 0.3464,
0.3737

■ 26.4090, 0.3960,
0.4341

■ 30.7865, 0.3304,
0.3529

■ 25.4923, 0.4114,
0.4507

■ 32.0741, 0.3154,
0.3326

■ 24.6395, 0.4250,
0.4641

■ 33.4445, 0.3014,
0.3134

■ 23.8461, 0.4364,
0.4734

■ 34.9001, 0.2885,
0.2953

■ 23.1069, 0.4452,
0.4784

■ 36.4434, 0.2768,
0.2785

■ 22.5333, 0.4509,
0.4802

■ 38.0766, 0.2661,
0.2631

■ 39.8019, 0.2566,
0.2490

■ 41.6213, 0.2479,
0.2360

Harmonies

Analogous

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



28.4477, 0.3851, 0.3760



28.4477, 0.3629, 0.3947



28.4477, 0.3279, 0.3952

Triad

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



28.4477, 0.3629, 0.3947



28.4477, 0.2437, 0.3035



28.4477, 0.3326, 0.2891

Complementary

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



28.4477, 0.3629, 0.3947



17.1429, 0.2595, 0.2534

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.



28.4477, 0.2940, 0.2716



28.4477, 0.3629, 0.3947



28.4477, 0.2446, 0.2779

Square

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



28.4477, 0.3629, 0.3947



28.4477, 0.2598, 0.3393



28.4477, 0.2624, 0.2672



28.4477, 0.3675, 0.3160

Rectangle

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



28.4477, 0.3629, 0.3947



28.4477, 0.3025, 0.3835



28.4477, 0.2624, 0.2672



28.4477, 0.3196, 0.2820

Sweetspot

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



28.4490, 0.3629, 0.3947



56.2898, 0.3279, 0.3495



18.1655, 0.3711, 0.3155



12.6734, 0.3299, 0.3522



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.



28.4490, 0.3629, 0.3947



50.3299, 0.3745, 0.4089



29.5093, 0.3417, 0.4110



7.0511, 0.3264, 0.3475



18.3993, 0.4506, 0.4804



0.3155, 0.4348, 0.4930

Inverse Universe

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



17.1429, 0.2595, 0.2534



26.5968, 0.2463, 0.2337



16.5205, 0.2762, 0.2426



6.1813, 0.2988, 0.3098



2.5100, 0.1547, 0.0768



0.0736, 0.1706, 0.1341

Previews

White Background



This preview shows how the Yxy color 28.4477, 0.3629, 0.3947 looks on a white background.

Color Contrast Check

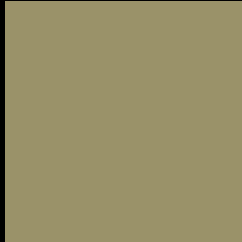
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4477, 0.3629, 0.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

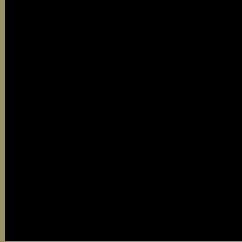
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4477, 0.3629, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 28.4477, 0.3629, 0.3947.



This preview shows how white text looks on a background with the Yxy color 28.4477, 0.3629, 0.3947.

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

28.4477, 0.3629, 0.3947

Protanopia

28.3386, 0.3656, 0.3927

Deuteranopia

28.2765, 0.3862, 0.3785



Tritanopia

28.3615, 0.3221, 0.3122

Trichromacy



Original Color

28.4477, 0.3629, 0.3947

Protanomaly

28.2393, 0.3645, 0.3929

Deuteranomaly

28.3859, 0.3764, 0.3845

Tritanomaly

28.2353, 0.3373, 0.3416

Monochromacy



Original Color

28.4477, 0.3629, 0.3947

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.1584, 0.3309, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4477, 0.3629, 0.3947 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(154, 146, 105)` looks like.

```
.text, #text, p{  
  color:rgb(154, 146, 105)  
}
```

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(154, 146, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 146, 105) }
```

Border

The CSS property to change the border of an element to Yxy 28.4477, 0.3629, 0.3947 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(154, 146, 105) }
```

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

```
.border{ border-color:rgb(154, 146, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 146, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 146, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 146, 105);  
box-shadow:4px 4px 4px 4px rgb(154, 146,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4477, 0.3629, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 146, 105) }
```

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

```
.background{ background-color: rgb(154,  
146, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor