

Converting Colors

$Y_{xy}(29.1735, 0.3441, 0.4160)$

Have a look what the booklet for
Yxy(29.1735, 0.3441, 0.4160)
contains.

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Color

Yxy(29.0601, 0.3440, 0.4147)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 899966 |
| RGB | 137, 153, 102 |
| RGB Percent | 54%, 60%, 40% |
| CMY | 0.4628, 0.4000, 0.6000 |
| CMYK | 0.10, 0.00, 0.33, 0.40 |
| HSL | 79°, 20%, 50% |
| HSV | 79°, 33%, 60% |
| XYZ | 24.1058, 29.0601, 16.9091 |
| YIQ | 142.4020, 6.8350, -19.2530 |

Conversions

Conversions Part 2

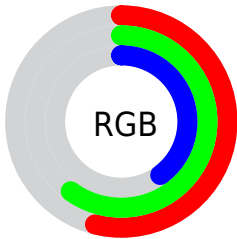
| Format | Color |
|-------------------------------------|---|
| RYB | 102, 153, 118 |
| Decimal | 9017702 |
| CIELab | 60.83, -14.69, 24.97 |
| CIElCh | 61, 28.972, 120.468 |
| Yxy | 29.0601, 0.3440, 0.4147 |
| Android (android.graphics.Color) | 4287207782 (0xFF899966) |
| YUV | 142.4020, -19.9182, -4.7376 |
| Hunter-Lab | 53.9074, -14.5181, 19.1377 |

Details

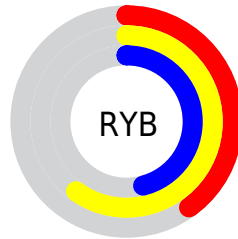
The Yxy color $29.0601, 0.3440, 0.4147$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.6552, 0.2730, 0.2378$, and the grayscale version is $27.2968, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.0019, 0.3387, 0.3965$, and $11.7475, 0.3523, 0.4471$ is the 20% darker color. If you saturate the color by 10%, you get $28.3885, 0.3523, 0.4417$, and if you desaturate by 10%, it is $29.8084, 0.3349, 0.3878$.

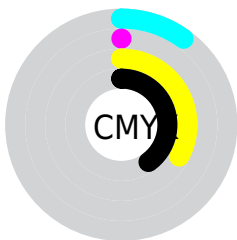
Distribution



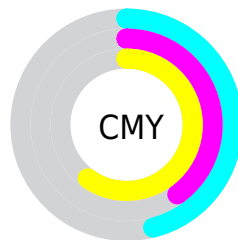
- Red (54%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)




- Cyan (46%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0601, 0.3440, 0.4147 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 29.0601, 0.3440, 0.4147 by changing the saturation by 10% instead.


 29.0601, 0.3440,
0.4147


 29.0601, 0.3440,
0.4147

297.4984, 0.3281,
0.3673


 19.1263, 0.3478,
0.4281


 58.1726, 0.3383,
0.3963

 11.7616, 0.3525,
0.4464


 78.1200, 0.3361,
0.3898

 6.5815, 0.3580,
0.4725


 102.1741, 0.3343,
0.3844

 3.2018, 0.3644,
0.5130

 130.7193, 0.3327,
0.3798

 1.2380, 0.3870,
0.6130

164.1399, 0.3313,
0.3760

 0.0924, 0.0000,
1.0000

202.8204, 0.3301,

 0.0000, 0.0000,

0.3727

0.0000

247.1451, 0.3291,
0.3698

■ 29.0601, 0.3440,
0.4147

■ 29.0601, 0.3440,
0.4147

■ 28.3885, 0.3523,
0.4417

■ 29.8084, 0.3349,
0.3878

■ 27.7863, 0.3594,
0.4677

■ 30.6326, 0.3254,
0.3617

■ 27.2514, 0.3648,
0.4917


■ 31.5368, 0.3159,
0.3369

■ 26.7795, 0.3681,
0.5126

■ 32.5238, 0.3065,
0.3138

■ 26.3662, 0.3690,
0.5293

■ 33.5962, 0.2976,
0.2925


 26.0061, 0.3675,
0.5413

 34.7563, 0.2892,
0.2731

 25.7863, 0.3657,
0.5478

 36.0066, 0.2813,
0.2556

 37.3493, 0.2739,
0.2397

 38.7865, 0.2671,
0.2255

Harmonies

Analogous

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



29.0601, 0.3843, 0.4052



29.0601, 0.3440, 0.4147



29.0601, 0.2971, 0.3964

Triad

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



29.0601, 0.3440, 0.4147



29.0601, 0.2270, 0.2726



29.0601, 0.3698, 0.3025

Complementary

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



29.0601, 0.3440, 0.4147



15.6552, 0.2730, 0.2378

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.



29.0601, 0.3232, 0.2729



29.0601, 0.3440, 0.4147



29.0601, 0.2428, 0.2549

Square

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



29.0601, 0.3440, 0.4147



29.0601, 0.2316, 0.3083



29.0601, 0.2769, 0.2557



29.0601, 0.4011, 0.3393

Rectangle

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



29.0601, 0.3440, 0.4147



29.0601, 0.2686, 0.3704



29.0601, 0.2769, 0.2557



29.0601, 0.3552, 0.2916

Sweetspot

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



29.0614, 0.3440, 0.4147



55.3485, 0.3224, 0.3537



20.5252, 0.3792, 0.3549



12.1766, 0.3236, 0.3570



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.0614, 0.3440, 0.4147



51.1318, 0.3503, 0.4349



27.2012, 0.3181, 0.4221



7.1256, 0.3215, 0.3513



21.3289, 0.3661, 0.5475



0.3380, 0.3909, 0.5278

Inverse Universe

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



15.6552, 0.2730, 0.2378



23.3507, 0.2618, 0.2146



17.6253, 0.3035, 0.2454



6.1157, 0.3034, 0.3063



2.4366, 0.1739, 0.0732



0.0542, 0.2195, 0.0983

Previews

White Background



This preview shows how the Yxy color 29.0601, 0.3440, 0.4147 looks on a white background.

Color Contrast Check

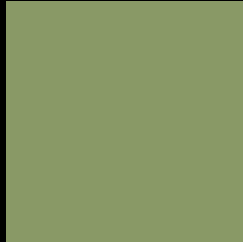
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0601, 0.3440, 0.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

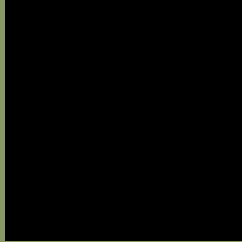
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0601, 0.3440, 0.4147

Background



This preview shows how black text looks on a background with the Yxy color 29.0601, 0.3440, 0.4147.



This preview shows how white text looks on a background with the Yxy color 29.0601, 0.3440, 0.4147.

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

29.0601, 0.3440, 0.4147

Protanopia

28.8295, 0.3746, 0.4026

Deuteranopia

28.7748, 0.3890, 0.3810



Tritanopia

29.0461, 0.3004, 0.3102

Trichromacy



Original Color

29.0601, 0.3440, 0.4147

Protanomaly

28.9943, 0.3630, 0.4078

Deuteranomaly

28.8273, 0.3724, 0.3929

Tritanomaly

29.0807, 0.3160, 0.3469

Monochromacy



Original Color

29.0601, 0.3440, 0.4147

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.6655, 0.3250, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0601, 0.3440, 0.4147 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(137, 153, 102)` looks like.

```
.text, #text, p{  
    color:rgb(137, 153, 102)  
}
```

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(137, 153, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 153, 102) }
```

Border

The CSS property to change the border of an element to Yxy 29.0601, 0.3440, 0.4147 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(137, 153, 102) }
```

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

```
.border{ border-color:rgb(137, 153, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 153, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 153, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 153, 102);  
box-shadow:4px 4px 4px 4px rgb(137, 153,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0601, 0.3440, 0.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 153, 102) }
```

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

```
.background{ background-color: rgb(137,  
153, 102) }
```

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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