

Converting Colors

Yxy(41.3512, 0.3253, 0.3529)

Have a look what the booklet for
Yxy(41.3512, 0.3253, 0.3529)
contains.

Yxy(41.4771, 0.3251, 0.3527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.4771, 0.3251, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	ACAE9D
RGB	172, 174, 157
RGB Percent	67%, 68%, 62%
CMY	0.3256, 0.3176, 0.3843
CMYK	0.01, 0.00, 0.10, 0.32
HSL	67°, 10%, 65%
HSV	67°, 10%, 68%
XYZ	38.2314, 41.4771, 37.8903
YIQ	171.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

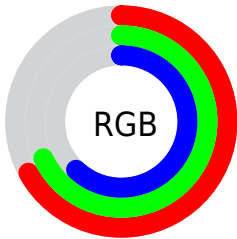
Format	Color
RYB	157, 174, 159
Decimal	11316893
CIELab	70.51, -3.79, 8.48
CIELCh	71, 9.288, 114.114
Yxy	41.4771, 0.3251, 0.3527
Android (android.graphics.Color)	4289506973 (0xFFACAE9D)
YUV	171.4640, -7.1308, 0.4701
Hunter-Lab	64.4027, -6.7418, 10.1996

Details

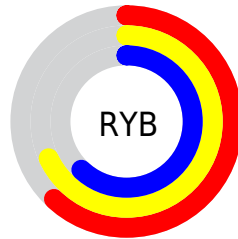
The Yxy color $41.4771, 0.3251, 0.3527$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.5466, 0.2997, 0.3044$, and the grayscale version is $41.0046, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.1230, 0.3223, 0.3472$, and $18.9527, 0.3288, 0.3600$ is the 20% darker color. If you saturate the color by 10%, you get $40.6925, 0.3380, 0.3779$, and if you desaturate by 10%, it is $42.3536, 0.3124, 0.3285$.

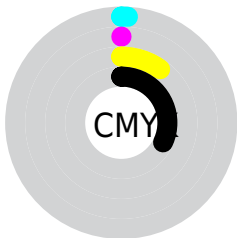
Distribution



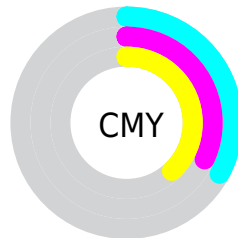
- Red (67%)
- Green (68%)
- Blue (62%)



- Red (62%)
- Yellow (68%)
- Blue (62%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4771, 0.3251, 0.3527 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 41.4771, 0.3251, 0.3527 by changing the saturation by 10% instead.


 41.4771, 0.3251,
0.3527


 41.4771, 0.3251,
0.3527


352.3107, 0.3188,
0.3405

 28.6921, 0.3267,
0.3559

 77.4076, 0.3228,
0.3482

 18.8480, 0.3287,
0.3600


 101.3219, 0.3220,
0.3465

 11.5605, 0.3315,
0.3656


129.7147, 0.3212,
0.3451

 6.4452, 0.3354,
0.3737

162.9705, 0.3206,
0.3439

 3.1176, 0.3412,
0.3863

201.4736, 0.3201,
0.3429

 1.1934, 0.3544,
0.4126

245.6084, 0.3196,

 0.0563, 0.0000,

0.3420

1.0000

295.7593, 0.3192,
0.3412

0.0000, 0.0000,
0.0000

41.4771, 0.3251,
0.3527

41.4771, 0.3251,
0.3527

40.6925, 0.3380,
0.3779

42.3536, 0.3124,
0.3285

39.9910, 0.3508,
0.4034

43.3200, 0.3003,
0.3056

39.3703, 0.3630,
0.4285

44.3814, 0.2888,
0.2843

38.8265, 0.3741,
0.4523

45.5406, 0.2781,
0.2647

38.3549, 0.3835,
0.4737

46.8007, 0.2682,
0.2468

■ 37.9506, 0.3909,
0.4918

■ 47.7445, 0.2629,
0.2365

■ 37.6079, 0.3958,
0.5058

■ 48.0043, 0.2644,
0.2369

■ 37.3201, 0.3982,
0.5155

■ 48.2679, 0.2659,
0.2373

■ 37.0732, 0.3985,
0.5216

■ 48.5354, 0.2673,
0.2376

Harmonies

Analogous

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



41.4771, 0.3353, 0.3501



41.4771, 0.3251, 0.3527



41.4771, 0.3117, 0.3487

Triad

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



41.4771, 0.3251, 0.3527



41.4771, 0.2868, 0.3153



41.4771, 0.3265, 0.3192

Complementary

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



41.4771, 0.3251, 0.3527



34.5466, 0.2997, 0.3044

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.



41.4771, 0.3133, 0.3104



41.4771, 0.3251, 0.3527



41.4771, 0.2905, 0.3080

Square

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



41.4771, 0.3251, 0.3527



41.4771, 0.2898, 0.3267



41.4771, 0.3001, 0.3063



41.4771, 0.3362, 0.3306

Rectangle

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



41.4771, 0.3251, 0.3527



41.4771, 0.3029, 0.3427



41.4771, 0.3001, 0.3063



41.4771, 0.3223, 0.3159

Sweetspot

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



41.4789, 0.3251, 0.3527



76.2763, 0.3165, 0.3363



36.2266, 0.3292, 0.3319



16.9247, 0.3176, 0.3382



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.4789, 0.3251, 0.3527



74.8658, 0.3282, 0.3588



40.5528, 0.3174, 0.3533



9.2809, 0.3245, 0.3515



26.8987, 0.3988, 0.5216



0.7617, 0.4054, 0.5163

Inverse Universe

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



34.5466, 0.2997, 0.3044



59.4133, 0.2961, 0.2979



35.4409, 0.3076, 0.3050



7.8014, 0.3003, 0.3057



2.3451, 0.1551, 0.0628



0.0794, 0.1744, 0.0734

Previews

White Background



This preview shows how the Yxy color 41.4771, 0.3251, 0.3527 looks on a white background.

Color Contrast Check

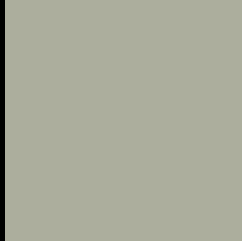
Large Text (above 18pt) WCAG AA × Fail

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 41.4771, 0.3251, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

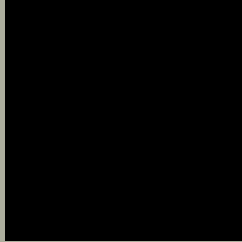
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

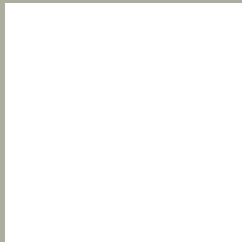
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4771, 0.3251, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 41.4771, 0.3251, 0.3527.



This preview shows how white text looks on a background with the Yxy color 41.4771, 0.3251, 0.3527.

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

41.4771, 0.3251, 0.3527

Protanopia

41.4891, 0.3328, 0.3509

Deuteranopia

41.2450, 0.3456, 0.3383



Tritanopia

41.4402, 0.3065, 0.3103

Trichromacy



Original Color

41.4771, 0.3251, 0.3527

Protanomaly

41.5175, 0.3298, 0.3525

Deuteranomaly

41.2837, 0.3382, 0.3438

Tritanomaly

41.2958, 0.3138, 0.3249

Monochromacy



Original Color

41.4771, 0.3251, 0.3527

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9161, 0.3168, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4771, 0.3251, 0.3527 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(172, 174, 157)` looks like.

```
.text, #text, p{  
    color:rgb(172, 174, 157)  
}
```

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(172, 174, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 174, 157) }
```

Border

The CSS property to change the border of an element to Yxy 41.4771, 0.3251, 0.3527 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(172, 174, 157) }
```

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

```
.border{ border-color:rgb(172, 174, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 174, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 174, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 174, 157);  
box-shadow:4px 4px 4px 4px rgb(172, 174,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4771, 0.3251, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 174, 157) }
```

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

```
.background{ background-color: rgb(172,  
174, 157) }
```

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