

Converting Colors

$Yxy(42.9782, 0.3259, 0.3551)$

Have a look what the booklet for
Yxy(42.9782, 0.3259, 0.3551)
contains.

Yxy(42.9116, 0.3257, 0.3552)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9116, 0.3257, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	AEB19E
RGB	174, 177, 158
RGB Percent	68%, 69%, 62%
CMY	0.3177, 0.3059, 0.3804
CMYK	0.02, 0.00, 0.11, 0.31
HSL	69°, 11%, 66%
HSV	69°, 11%, 69%
XYZ	39.3477, 42.9116, 38.5504
YIQ	173.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

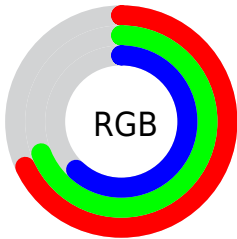
Format	Color
RYB	158, 177, 161
Decimal	11448734
CIELab	71.49, -4.49, 9.37
CIELCh	71, 10.385, 115.599
Yxy	42.9116, 0.3257, 0.3552
Android (android.graphics.Color)	4289638814 (0xFFFAEB19E)
YUV	173.9370, -7.8569, 0.0553
Hunter-Lab	65.5069, -7.4185, 10.9631

Details

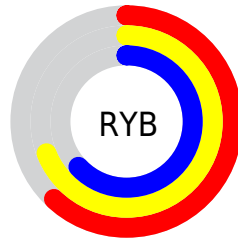
The Yxy color $42.9116, 0.3257, 0.3552$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $35.2008, 0.2989, 0.3019$, and the grayscale version is $42.3331, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.9049, 0.3234, 0.3502$, and $19.6144, 0.3297, 0.3615$ is the 20% darker color. If you saturate the color by 10%, you get $42.0289, 0.3380, 0.3807$, and if you desaturate by 10%, it is $43.8926, 0.3136, 0.3308$.

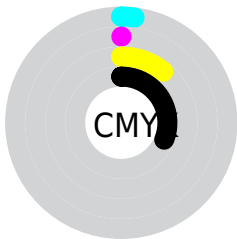
Distribution



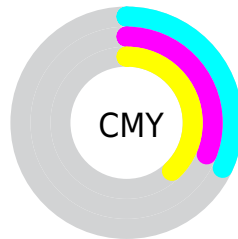
- Red (68%)
- Green (69%)
- Blue (62%)



- Red (62%)
- Yellow (69%)
- Blue (63%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)





- Cyan (32%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9116, 0.3257, 0.3552 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 42.9116, 0.3257, 0.3552 by changing the saturation by 10% instead.


 42.9116, 0.3257,
0.3552

 42.9116, 0.3257,
0.3552


358.2481, 0.3192,
0.3418

 29.8158, 0.3273,
0.3587


 79.5774, 0.3233,
0.3503

 19.6988, 0.3294,
0.3631


 103.9162, 0.3224,
0.3484

 12.1763, 0.3322,
0.3692


132.7715, 0.3217,
0.3469

 6.8639, 0.3361,
0.3780

166.5275, 0.3210,
0.3456

 3.3771, 0.3420,
0.3915

205.5689, 0.3205,
0.3444

 1.3316, 0.3534,
0.4175

250.2798, 0.3200,

 0.1655, 0.2240,

0.3434

0.7760

301.0447, 0.3196,
0.3426

0.0000, 0.0000,
0.0000

42.9116, 0.3257,
0.3552

42.9116, 0.3257,
0.3552

42.0289, 0.3380,
0.3807

43.8926, 0.3136,
0.3308

41.2350, 0.3500,
0.4065

44.9698, 0.3019,
0.3077

40.5278, 0.3615,
0.4320

46.1484, 0.2909,
0.2864

39.9029, 0.3717,
0.4562

47.4316, 0.2806,
0.2667

39.3555, 0.3803,
0.4781

48.8225, 0.2710,
0.2488

■ 38.8804, 0.3868,
0.4966

■ 49.7177, 0.2677,
0.2411

■ 38.4714, 0.3907,
0.5110

■ 50.0838, 0.2697,
0.2416

■ 38.1215, 0.3922,
0.5210

■ 50.4569, 0.2717,
0.2420

■ 37.8364, 0.3917,
0.5272

■ 50.8370, 0.2737,
0.2425

Harmonies

Analogous

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



42.9116, 0.3373, 0.3526



42.9116, 0.3257, 0.3552



42.9116, 0.3109, 0.3504

Triad

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



42.9116, 0.3257, 0.3552



42.9116, 0.2841, 0.3133



42.9116, 0.3286, 0.3188

Complementary

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



42.9116, 0.3257, 0.3552



35.2008, 0.2989, 0.3019

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.



42.9116, 0.3140, 0.3089



42.9116, 0.3257, 0.3552



42.9116, 0.2885, 0.3055

Square

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



42.9116, 0.3257, 0.3552



42.9116, 0.2871, 0.3257



42.9116, 0.2994, 0.3040



42.9116, 0.3390, 0.3314

Rectangle

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



42.9116, 0.3257, 0.3552



42.9116, 0.3011, 0.3436



42.9116, 0.2994, 0.3040



42.9116, 0.3240, 0.3150

Sweetspot

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



42.9135, 0.3257, 0.3552



78.1839, 0.3164, 0.3363



37.2500, 0.3310, 0.3330



16.9128, 0.3173, 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.



42.9135, 0.3257, 0.3552



76.4423, 0.3287, 0.3614



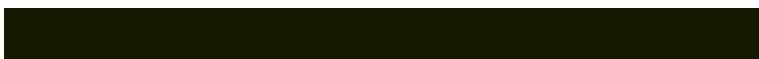
41.8763, 0.3173, 0.3559



9.8372, 0.3240, 0.3517



27.4332, 0.3921, 0.5269



0.8814, 0.4001, 0.5205

Inverse Universe

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



35.2008, 0.2989, 0.3019



59.7306, 0.2954, 0.2951



36.2091, 0.3076, 0.3026



8.2926, 0.3009, 0.3056



2.4967, 0.1575, 0.0641



0.0984, 0.1801, 0.0766

Previews

White Background



This preview shows how the Yxy color 42.9116, 0.3257, 0.3552 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 42.9116, 0.3257, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

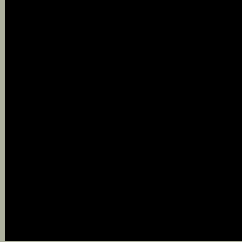
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

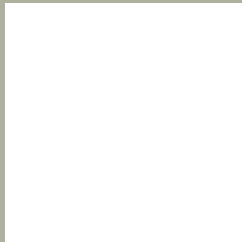
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9116, 0.3257, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 42.9116, 0.3257, 0.3552.



This preview shows how white text looks on a background with the Yxy color 42.9116, 0.3257, 0.3552.

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

42.9116, 0.3257, 0.3552

Protanopia

42.6515, 0.3344, 0.3520

Deuteranopia

42.9198, 0.3479, 0.3407



Tritanopia

42.9400, 0.3057, 0.3105

Trichromacy



Original Color

42.9116, 0.3257, 0.3552

Protanomaly

42.6780, 0.3314, 0.3536

Deuteranomaly

42.8271, 0.3396, 0.3463

Tritanomaly

42.7538, 0.3137, 0.3263

Monochromacy



Original Color

42.9116, 0.3257, 0.3552

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4858, 0.3176, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9116, 0.3257, 0.3552 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(174, 177, 158)` looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 158)  
}
```

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(174, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 158) }
```

Border

The CSS property to change the border of an element to Yxy 42.9116, 0.3257, 0.3552 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(174, 177, 158) }
```

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

```
.border{ border-color:rgb(174, 177, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 177, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9116, 0.3257, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 158) }
```

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

```
.background{ background-color: rgb(174,  
177, 158) }
```

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