

Converting Colors

$Yxy(34.7854, 0.3252, 0.3607)$

Have a look what the booklet for
Yxy(34.7854, 0.3252, 0.3607)
contains.

Yxy(34.8317, 0.3257, 0.3608)	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(34.8317, 0.3257, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	9CA28D
RGB	156, 162, 141
RGB Percent	61%, 64%, 55%
CMY	0.3881, 0.3647, 0.4471
CMYK	0.04, 0.00, 0.13, 0.36
HSL	77°, 10%, 59%
HSV	77°, 13%, 64%
XYZ	31.4431, 34.8317, 30.2653
YIQ	157.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

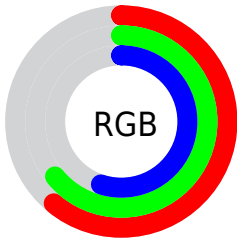
Format	Color
R _Y B	141, 162, 147
Decimal	10265229
CIE Lab	65.62, -5.99, 10.20
CIE LCh	66, 11.826, 120.449
Yxy	34.8317, 0.3257, 0.3608
Android (android.graphics.Color)	4288455309 (0xFF9CA28D)
YUV	157.8120, -8.2883, -1.5891
Hunter-Lab	59.0184, -8.1830, 10.9082

Details

The Yxy color $34.8317, 0.3257, 0.3608$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $27.8582, 0.2986, 0.2963$, and the grayscale version is $34.1424, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.4147, 0.3232, 0.3542$, and $14.9104, 0.3300, 0.3702$ is the 20% darker color. If you saturate the color by 10%, you get $33.9353, 0.3357, 0.3869$, and if you desaturate by 10%, it is $35.8190, 0.3157, 0.3360$.

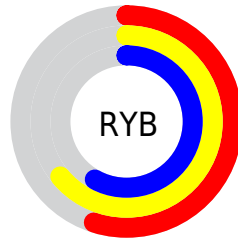
Distribution



Red (61%)

Green (64%)

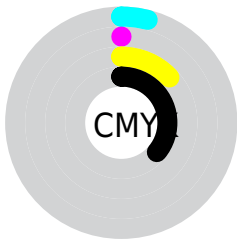
Blue (55%)



Red (55%)

Yellow (64%)

Blue (58%)

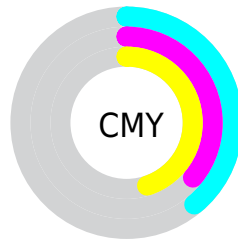


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (39%)

Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8317, 0.3257, 0.3608 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 34.8317, 0.3257, 0.3608 by changing the saturation by 10% instead.

 34.8317, 0.3257,
0.3608


 34.8317, 0.3257,
0.3608


323.8248, 0.3190,
0.3439

 23.5333, 0.3274,
0.3654


 67.2250, 0.3232,
0.3544

 14.9878, 0.3297,
0.3715


 89.0886, 0.3223,
0.3521

 8.8108, 0.3328,
0.3800


 115.2427, 0.3215,
0.3502

 4.6180, 0.3372,
0.3928

146.0717, 0.3209,
0.3485

 2.0249, 0.3438,
0.4140

181.9601, 0.3203,
0.3471

 0.6219, 0.4170,
0.5830

223.2921, 0.3198,

 0.0000, 0.0000,

0.3459

0.0000

270.4522, 0.3194,
0.3449

■ 34.8317, 0.3257,
0.3608

■ 34.8317, 0.3257,
0.3608

■ 33.9353, 0.3357,
0.3869

■ 35.8190, 0.3157,
0.3360

■ 33.1221, 0.3454,
0.4136

■ 36.8958, 0.3059,
0.3129

■ 32.3901, 0.3544,
0.4404

■ 38.0665, 0.2965,
0.2915

■ 31.7356, 0.3621,
0.4661

■ 39.3337, 0.2876,
0.2720

■ 31.1545, 0.3680,
0.4897

■ 40.7002, 0.2794,
0.2544

■ 30.6422, 0.3718,
0.5100

■ 42.1685, 0.2717,
0.2384

■ 30.1936, 0.3732,
0.5262

■ 43.7409, 0.2647,
0.2240

■ 29.8026, 0.3721,
0.5378

■ 44.3741, 0.2677,
0.2245

■ 29.5516, 0.3704,
0.5441

■ 44.9874, 0.2712,
0.2255

Harmonies

Analogous

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



34.8317, 0.3408, 0.3589



34.8317, 0.3257, 0.3608



34.8317, 0.3074, 0.3535

Triad

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



34.8317, 0.3257, 0.3608



34.8317, 0.2782, 0.3077



34.8317, 0.3347, 0.3189

Complementary

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



34.8317, 0.3257, 0.3608



27.8582, 0.2986, 0.2963

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.



34.8317, 0.3173, 0.3062



34.8317, 0.3257, 0.3608



34.8317, 0.2849, 0.2996

Square

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



34.8317, 0.3257, 0.3608



34.8317, 0.2803, 0.3221



34.8317, 0.2991, 0.2991



34.8317, 0.3462, 0.3343

Rectangle

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



34.8317, 0.3257, 0.3608



34.8317, 0.2959, 0.3445



34.8317, 0.2991, 0.2991



34.8317, 0.3293, 0.3142

Sweetspot

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



34.8332, 0.3257, 0.3608



64.8240, 0.3168, 0.3387



30.4557, 0.3345, 0.3381



14.5290, 0.3175, 0.3405



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8332, 0.3257, 0.3608



62.6793, 0.3291, 0.3694



33.8318, 0.3155, 0.3618



8.1358, 0.3220, 0.3515



23.3057, 0.3709, 0.5437



0.5117, 0.3894, 0.5290

Inverse Universe

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



27.8582, 0.2986, 0.2963



47.1070, 0.2945, 0.2872



28.8717, 0.3094, 0.2974



6.9528, 0.3029, 0.3061



2.5322, 0.1699, 0.0709



0.0759, 0.2093, 0.0927

Previews

White Background



This preview shows how the Yxy color 34.8317, 0.3257, 0.3608 looks on a white background.

Color Contrast Check

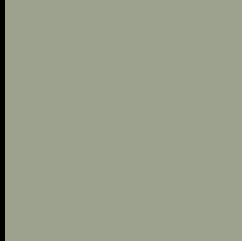
Large Text (above 18pt) WCAG AA × Fail

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 34.8317, 0.3257, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

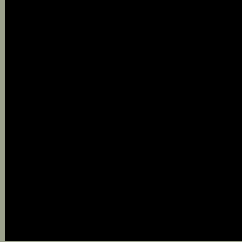
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

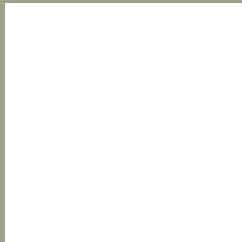
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8317, 0.3257, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 34.8317, 0.3257, 0.3608.



This preview shows how white text looks on a background with the Yxy color 34.8317, 0.3257, 0.3608.

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

34.8317, 0.3257, 0.3608

Protanopia

34.8758, 0.3391, 0.3585

Deuteranopia

34.5894, 0.3513, 0.3432



Tritanopia

34.8296, 0.3040, 0.3116

Trichromacy



Original Color

34.8317, 0.3257, 0.3608

Protanomaly

34.8216, 0.3339, 0.3588

Deuteranomaly

34.5006, 0.3421, 0.3494

Tritanomaly

34.6704, 0.3127, 0.3290

Monochromacy



Original Color

34.8317, 0.3257, 0.3608

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2314, 0.3171, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8317, 0.3257, 0.3608 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(156, 162, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 162, 141)  
}
```

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(156, 162, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 162, 141) }
```

Border

The CSS property to change the border of an element to Yxy 34.8317, 0.3257, 0.3608 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(156, 162, 141) }
```

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

```
.border{ border-color:rgb(156, 162, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 162, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 162, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 162, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 162,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8317, 0.3257, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 162, 141) }
```

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

```
.background{ background-color: rgb(156,  
162, 141) }
```

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