

Converting Colors

$Y_{xy}(36.4812, 0.3258, 0.3207)$

Have a look what the booklet for
Yxy(36.4812, 0.3258, 0.3207)
contains.

Yxy(36.4812, 0.3258, 0.3207)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.4812, 0.3258, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	B19EA4
RGB	177, 158, 164
RGB Percent	69%, 62%, 64%
CMY	0.3058, 0.3804, 0.3568
CMYK	0.00, 0.11, 0.07, 0.31
HSL	341°, 11%, 66%
HSV	341°, 11%, 69%
XYZ	37.0614, 36.4812, 40.2124
YIQ	164.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

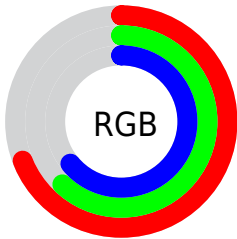
Format	Color
RYB	177, 158, 164
Decimal	11640484
CIELab	66.89, 8.02, -0.59
CIELCh	67, 8.039, 355.820
Yxy	36.4812, 0.3258, 0.3207
Android (android.graphics.Color)	4289830564 (0xFFB19EA4)
YUV	164.3650, -0.1799, 11.0809
Hunter-Lab	60.3997, 3.8285, 2.8062

Details

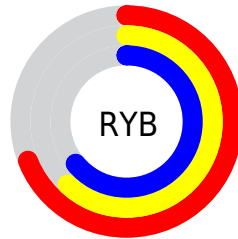
The Yxy color **36.4812, 0.3258, 0.3207** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6586, 0.3012, 0.3375**, and the grayscale version is **37.3063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0266, 0.3234, 0.3226**, and **15.9703, 0.3298, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **30.4557, 0.3408, 0.3125**, and if you desaturate by 10%, it is **43.4213, 0.3135, 0.3284**.

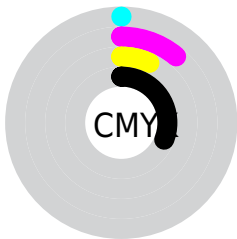
Distribution



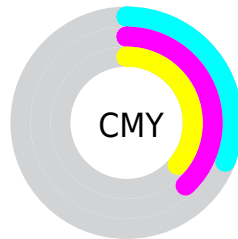
- Red (69%)
- Green (62%)
- Blue (64%)



- Red (69%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4812, 0.3258, 0.3207 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 36.4812, 0.3258, 0.3207 by changing the saturation by 10% instead.


 36.4812, 0.3258,
0.3207


 36.4812, 0.3258,
0.3207


331.0589, 0.3190,
0.3250

 24.8061, 0.3276,
0.3196


 69.7741, 0.3233,
0.3223

 15.9326, 0.3299,
0.3181


 92.1607, 0.3223,
0.3229

 9.4765, 0.3332,
0.3160


118.8866, 0.3215,
0.3234

 5.0533, 0.3379,
0.3130

150.3362, 0.3209,
0.3238

 2.2785, 0.3456,
0.3083

186.8938, 0.3203,
0.3242

 0.7623, 0.3610,
0.2982

228.9438, 0.3198,

 0.0000, 0.0000,

0.3245

0.0000


276.8707, 0.3194,
0.3248

 36.4812, 0.3258,
0.3207


 36.4812, 0.3258,
0.3207


 30.4557, 0.3408,
0.3125

 43.4213, 0.3135,
0.3284


 25.3020, 0.3591,
0.3040

 51.3072, 0.3035,
0.3356


 20.9806, 0.3812,
0.2956

 60.1743, 0.2953,
0.3422

 17.4475, 0.4074,
0.2880

 70.0551, 0.2886,
0.3483

 14.6543, 0.4378,
0.2818

 80.9802, 0.2830,
0.3538

■ 12.5474, 0.4715,
0.2783

■ 86.9632, 0.2775,
0.3491

■ 11.0658, 0.5069,
0.2786

■ 87.6939, 0.2716,
0.3356

■ 10.1376, 0.5411,
0.2836

■ 88.0885, 0.2686,
0.3289

■ 9.6332, 0.5698,
0.2912

Harmonies

Analogous

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



36.4812, 0.3139, 0.3125



36.4812, 0.3258, 0.3207



36.4812, 0.3342, 0.3311

Triad

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



36.4812, 0.3258, 0.3207



36.4812, 0.3233, 0.3503



36.4812, 0.2893, 0.3162

Complementary

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



36.4812, 0.3258, 0.3207



41.6586, 0.3012, 0.3375

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.



36.4812, 0.2917, 0.3263



36.4812, 0.3258, 0.3207



36.4812, 0.3112, 0.3464

Square

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



36.4812, 0.3258, 0.3207



36.4812, 0.3327, 0.3483



36.4812, 0.2996, 0.3374



36.4812, 0.2930, 0.3098

Rectangle

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



36.4812, 0.3258, 0.3207



36.4812, 0.3367, 0.3380



36.4812, 0.2996, 0.3374



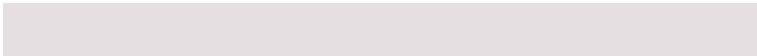
36.4812, 0.2894, 0.3192

Sweetspot

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



36.4828, 0.3258, 0.3207



74.7350, 0.3161, 0.3267



36.2855, 0.3082, 0.3026



15.9755, 0.3171, 0.3261



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.



36.4828, 0.3258, 0.3207



62.5018, 0.3292, 0.3187



37.4769, 0.3309, 0.3339



8.5480, 0.3239, 0.3218



6.9884, 0.5669, 0.2897



0.2307, 0.4867, 0.2455

Inverse Universe

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



36.4828, 0.3258, 0.3207



62.5018, 0.3292, 0.3187



40.5333, 0.2965, 0.3240



8.5480, 0.3239, 0.3218



6.9884, 0.5669, 0.2897



0.2307, 0.4867, 0.2455

Previews

White Background



This preview shows how the Yxy color 36.4812, 0.3258, 0.3207 looks on a white background.

Color Contrast Check

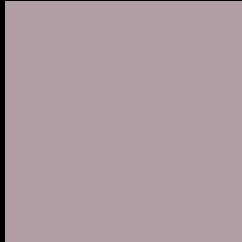
Large Text (above 18pt) WCAG AA × Fail

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 36.4812, 0.3258, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

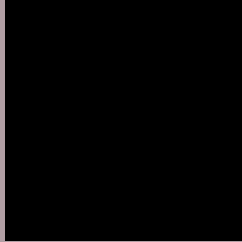
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4812, 0.3258, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 36.4812, 0.3258, 0.3207.



This preview shows how white text looks on a background with the Yxy color 36.4812, 0.3258, 0.3207.

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

36.4812, 0.3258, 0.3207

Protanopia

36.5932, 0.3120, 0.3233

Deuteranopia

36.5990, 0.3268, 0.3207



Tritanopia

36.4435, 0.3223, 0.3125

Trichromacy



Original Color

36.4812, 0.3258, 0.3207

Protanomaly

36.6414, 0.3168, 0.3234

Deuteranomaly

36.5990, 0.3268, 0.3207

Tritanomaly

36.3689, 0.3241, 0.3152

Monochromacy



Original Color

36.4812, 0.3258, 0.3207

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9560, 0.3176, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4812, 0.3258, 0.3207 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(177, 158, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 158, 164)  
}
```

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(177, 158, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.4812, 0.3258, 0.3207 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(177, 158, 164) }
```

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

```
.border{ border-color:rgb(177, 158, 164) }
```

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

Here you see how a box with a 4 pixel rgb(177, 158, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 158, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 158, 164);  
box-shadow:4px 4px 4px 4px rgb(177, 158,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4812, 0.3258, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 158, 164) }
```

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

```
.background{ background-color: rgb(177,  
158, 164) }
```

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