

Converting Colors

$Yxy(36.0532, 0.3303, 0.3387)$

Have a look what the booklet for
Yxy(36.0532, 0.3303, 0.3387)
contains.

Yxy(36.0994, 0.3298, 0.3391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.0994, 0.3298, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	ABA099
RGB	171, 160, 153
RGB Percent	67%, 63%, 60%
CMY	0.3295, 0.3725, 0.4001
CMYK	0.00, 0.06, 0.11, 0.33
HSL	23°, 10%, 64%
HSV	23°, 11%, 67%
XYZ	35.1094, 36.0994, 35.2477
YIQ	162.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

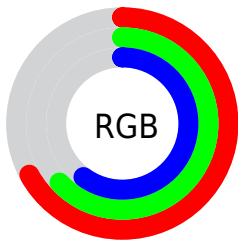
Format	Color
RYB	171, 164, 153
Decimal	11247769
CIELab	66.60, 2.74, 5.08
CIELCh	67, 5.771, 61.671
Yxy	36.0994, 0.3298, 0.3391
Android (android.graphics.Color)	4289437849 (0xFFABA099)
YUV	162.4910, -4.6791, 7.4624
Hunter-Lab	60.0828, -0.8384, 7.2753

Details

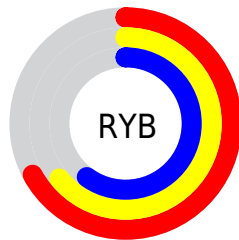
The Yxy color **36.0994, 0.3298, 0.3391** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2403, 0.2968, 0.3187**, and the grayscale version is **36.3917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2746, 0.3264, 0.3378**, and **15.8185, 0.3357, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **32.1144, 0.3488, 0.3493**, and if you desaturate by 10%, it is **40.4711, 0.3135, 0.3295**.

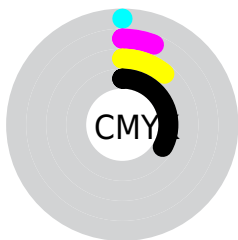
Distribution



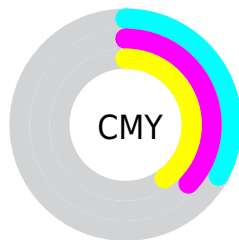
- Red (67%)
- Green (63%)
- Blue (60%)



- Red (67%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (33%)





- Cyan (33%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0994, 0.3298, 0.3391 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 36.0994, 0.3298, 0.3391 by changing the saturation by 10% instead.


 36.0994, 0.3298,
0.3391

 36.0994, 0.3298,
0.3391


329.3948, 0.3209,
0.3339

 24.5110, 0.3322,
0.3405


 69.1855, 0.3265,
0.3372

 15.7131, 0.3353,
0.3422


 91.4519, 0.3252,
0.3364

 9.3214, 0.3396,
0.3447


118.0464, 0.3242,
0.3359

 4.9514, 0.3460,
0.3482

149.3535, 0.3233,
0.3353

 2.2188, 0.3563,
0.3538

185.7575, 0.3226,
0.3349

 0.7302, 0.3940,
0.3782

227.6427, 0.3219,

 0.0000, 0.0000,

0.3345

0.0000

275.3937, 0.3214,
0.3342

■ 36.0994, 0.3298,
0.3391

■ 36.0994, 0.3298,
0.3391

■ 32.1144, 0.3488,
0.3493

■ 40.4711, 0.3135,
0.3295

■ 28.5005, 0.3707,
0.3598

■ 45.2351, 0.2995,
0.3205

■ 25.2480, 0.3959,
0.3703

■ 50.4028, 0.2875,
0.3123

■ 22.3448, 0.4241,
0.3801

■ 55.9839, 0.2773,
0.3047

■ 19.7784, 0.4549,
0.3883

■ 61.9876, 0.2684,
0.2978

■ 17.5352, 0.4872,
0.3937

■ 68.3861, 0.2610,
0.2922

■ 15.6004, 0.5189,
0.3952

■ 74.1074, 0.2625,
0.3042

■ 13.9579, 0.5476,
0.3917

■ 80.1768, 0.2640,
0.3160

■ 12.6478, 0.5712,
0.3846

■ 86.6000, 0.2655,
0.3275

Harmonies

Analogous

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



36.0994, 0.3289, 0.3321



36.0994, 0.3298, 0.3391



36.0994, 0.3261, 0.3435

Triad

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



36.0994, 0.3298, 0.3391



36.0994, 0.3019, 0.3336



36.0994, 0.3066, 0.3144

Complementary

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



36.0994, 0.3298, 0.3391



36.2403, 0.2968, 0.3187

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.



36.0994, 0.2995, 0.3146



36.0994, 0.3298, 0.3391



36.0994, 0.2968, 0.3256

Square

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



36.0994, 0.3298, 0.3391



36.0994, 0.3099, 0.3404



36.0994, 0.2959, 0.3186



36.0994, 0.3154, 0.3180

Rectangle

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



36.0994, 0.3298, 0.3391



36.0994, 0.3215, 0.3444



36.0994, 0.2959, 0.3186



36.0994, 0.3039, 0.3141

Sweetspot

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



36.1010, 0.3298, 0.3391



70.4591, 0.3174, 0.3319



34.1156, 0.3203, 0.3133



15.5714, 0.3186, 0.3326



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.1010, 0.3298, 0.3391



62.6762, 0.3347, 0.3418



39.2828, 0.3284, 0.3515



8.5096, 0.3277, 0.3379



9.6343, 0.5695, 0.3860



0.3763, 0.5139, 0.4301

Inverse Universe

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



36.2403, 0.2968, 0.3187



62.9838, 0.2926, 0.3158



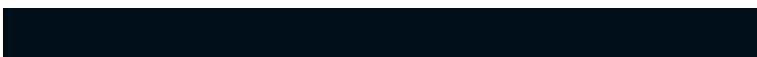
33.1808, 0.2966, 0.3055



8.5385, 0.2986, 0.3199



9.8102, 0.1883, 0.1978



0.3752, 0.2006, 0.2420

Previews

White Background



This preview shows how the Yxy color 36.0994, 0.3298, 0.3391 looks on a white background.

Color Contrast Check

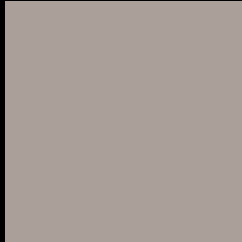
Large Text (above 18pt) WCAG AA × Fail

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 36.0994, 0.3298, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

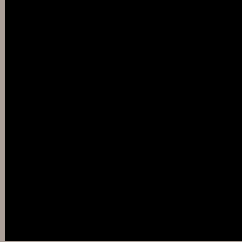
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

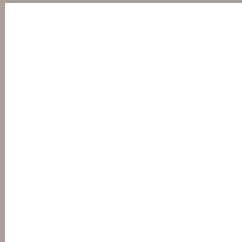
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0994, 0.3298, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 36.0994, 0.3298, 0.3391.



This preview shows how white text looks on a background with the Yxy color 36.0994, 0.3298, 0.3391.

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

36.0994, 0.3298, 0.3391

Protanopia

36.0383, 0.3248, 0.3391

Deuteranopia

35.9338, 0.3396, 0.3319



Tritanopia

35.9005, 0.3165, 0.3109

Trichromacy



Original Color

36.0994, 0.3298, 0.3391

Protanomaly

36.1477, 0.3258, 0.3391

Deuteranomaly

35.7941, 0.3354, 0.3333

Tritanomaly

35.9047, 0.3209, 0.3206

Monochromacy



Original Color

36.0994, 0.3298, 0.3391

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.9923, 0.3183, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0994, 0.3298, 0.3391 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(171, 160, 153)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 153)  
}
```

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(171, 160, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 153) }
```

Border

The CSS property to change the border of an element to Yxy 36.0994, 0.3298, 0.3391 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(171, 160, 153) }
```

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

```
.border{ border-color:rgb(171, 160, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 153);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0994, 0.3298, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 153) }
```

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

```
.background{ background-color: rgb(171,  
160, 153) }
```

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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