

Converting Colors

$Yxy(35.8837, 0.3181, 0.3410)$

Have a look what the booklet for
Yxy(35.8837, 0.3181, 0.3410)
contains.

Yxy(35.7508, 0.3189, 0.3408)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.7508, 0.3189, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	A1A29A
RGB	161, 162, 154
RGB Percent	63%, 64%, 60%
CMY	0.3685, 0.3647, 0.3962
CMYK	0.01, 0.00, 0.05, 0.36
HSL	67°, 4%, 62%
HSV	67°, 5%, 64%
XYZ	33.4534, 35.7508, 35.6983
YIQ	160.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

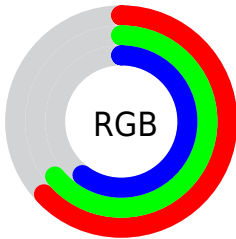
Format	Color
RYB	154, 162, 155
Decimal	10592922
CIELab	66.33, -1.84, 4.04
CIElCh	66, 4.438, 114.532
Yxy	35.7508, 0.3189, 0.3408
Android (android.graphics.Color)	4288783002 (0xFFA1A29A)
YUV	160.7890, -3.3470, 0.1850
Hunter-Lab	59.7920, -4.7657, 6.4557

Details

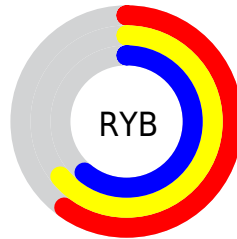
The Yxy color **35.7508, 0.3189, 0.3408** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6752, 0.3064, 0.3170**, and the grayscale version is **35.5545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7787, 0.3181, 0.3391**, and **15.4461, 0.3216, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **35.0466, 0.3316, 0.3655**, and if you desaturate by 10%, it is **36.5341, 0.3065, 0.3173**.

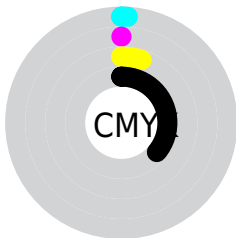
Distribution



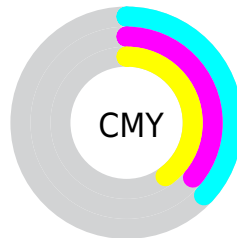
- Red (63%)
- Green (64%)
- Blue (60%)



- Red (60%)
- Yellow (64%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (37%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7508, 0.3189, 0.3408 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 35.7508, 0.3189, 0.3408 by changing the saturation by 10% instead.


 35.7508, 0.3189,
0.3408


 35.7508, 0.3189,
0.3408


327.8700, 0.3157,
0.3346

 24.2418, 0.3197,
0.3424


 68.6473, 0.3177,
0.3385

 15.5131, 0.3209,
0.3446


 90.8035, 0.3173,
0.3376

 9.1803, 0.3224,
0.3477

117.2776, 0.3169,
0.3369

 4.8589, 0.3246,
0.3521

148.4540, 0.3166,
0.3363

 2.1647, 0.3283,
0.3594

184.7170, 0.3163,
0.3358

 0.7007, 0.3446,
0.3888

226.4511, 0.3161,

 0.0000, 0.0000,

0.3354

0.0000

274.0406, 0.3159,
0.3350

■ 35.7508, 0.3189,
0.3408

■ 35.7508, 0.3189,
0.3408

■ 35.0466, 0.3316,
0.3655

■ 36.5341, 0.3065,
0.3173

■ 34.4140, 0.3444,
0.3908

■ 37.3947, 0.2948,
0.2953

■ 33.8514, 0.3569,
0.4161

■ 38.3367, 0.2837,
0.2749

■ 33.3555, 0.3685,
0.4405

■ 39.3625, 0.2735,
0.2562

■ 32.9226, 0.3788,
0.4631

■ 40.4746, 0.2640,
0.2392

■ 32.5489, 0.3872,
0.4830

■ 41.6753, 0.2554,
0.2239

■ 32.2297, 0.3934,
0.4991

■ 42.1438, 0.2545,
0.2207

■ 31.9600, 0.3971,
0.5111

■ 42.3716, 0.2559,
0.2211

■ 31.7335, 0.3983,
0.5188

■ 42.6027, 0.2573,
0.2215

Harmonies

Analogous

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



35.7508, 0.3240, 0.3397



35.7508, 0.3189, 0.3408



35.7508, 0.3122, 0.3387

Triad

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



35.7508, 0.3189, 0.3408



35.7508, 0.2996, 0.3222



35.7508, 0.3197, 0.3241

Complementary

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



35.7508, 0.3189, 0.3408



32.6752, 0.3064, 0.3170

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.



35.7508, 0.3131, 0.3196



35.7508, 0.3189, 0.3408



35.7508, 0.3015, 0.3184

Square

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



35.7508, 0.3189, 0.3408



35.7508, 0.3011, 0.3278



35.7508, 0.3065, 0.3175



35.7508, 0.3245, 0.3300

Rectangle

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



35.7508, 0.3189, 0.3408



35.7508, 0.3077, 0.3358



35.7508, 0.3065, 0.3175



35.7508, 0.3177, 0.3224

Sweetspot

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



35.7523, 0.3189, 0.3408



65.4493, 0.3140, 0.3314



33.4269, 0.3206, 0.3304



14.7014, 0.3139, 0.3313



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.



35.7523, 0.3189, 0.3408



64.7519, 0.3204, 0.3436



35.3456, 0.3151, 0.3409



8.2400, 0.3208, 0.3445



24.9298, 0.3986, 0.5217



0.5352, 0.4066, 0.5153

Inverse Universe

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



32.6752, 0.3064, 0.3170



57.9066, 0.3048, 0.3141



33.0750, 0.3102, 0.3171



7.3169, 0.3043, 0.3131



2.1797, 0.1554, 0.0629



0.0571, 0.1772, 0.0750

Previews

White Background



This preview shows how the Yxy color 35.7508, 0.3189, 0.3408 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 35.7508, 0.3189, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

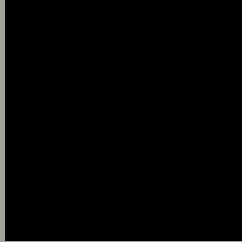
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

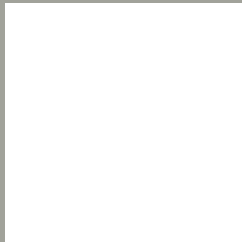
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.7508, 0.3189, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 35.7508, 0.3189, 0.3408.



This preview shows how white text looks on a background with the Yxy color 35.7508, 0.3189, 0.3408.

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

35.7508, 0.3189, 0.3408

Protanopia

35.8966, 0.3247, 0.3406

Deuteranopia

35.7272, 0.3366, 0.3305



Tritanopia

35.6673, 0.3060, 0.3105

Trichromacy



Original Color

35.7508, 0.3189, 0.3408

Protanomaly

35.6822, 0.3228, 0.3407

Deuteranomaly

35.5909, 0.3293, 0.3333

Tritanomaly

35.6448, 0.3111, 0.3218

Monochromacy



Original Color

35.7508, 0.3189, 0.3408

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5354, 0.3154, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7508, 0.3189, 0.3408 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(161, 162, 154)` looks like.

```
.text, #text, p{  
    color:rgb(161, 162, 154)  
}
```

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(161, 162, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 162, 154) }
```

Border

The CSS property to change the border of an element to Yxy 35.7508, 0.3189, 0.3408 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(161, 162, 154) }
```

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

```
.border{ border-color:rgb(161, 162, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 162, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 162, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 162, 154);  
box-shadow:4px 4px 4px 4px rgb(161, 162,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7508, 0.3189, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 162, 154) }
```

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

```
.background{ background-color: rgb(161,  
162, 154) }
```

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