

Converting Colors

$Yxy(35.5644, 0.3219, 0.3332)$

Have a look what the booklet for
Yxy(35.5644, 0.3219, 0.3332)
contains.

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Color

Yxy(35.6829, 0.3212, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	A6A09D
RGB	166, 160, 157
RGB Percent	65%, 63%, 62%
CMY	0.3491, 0.3725, 0.3844
CMYK	0.00, 0.04, 0.05, 0.35
HSL	20°, 5%, 63%
HSV	20°, 5%, 65%
XYZ	34.3772, 35.6829, 36.9672
YIQ	161.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

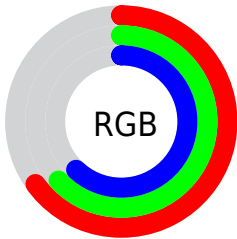
Format	Color
RYB	166, 162, 157
Decimal	10920093
CIELab	66.28, 1.60, 2.33
CIElCh	66, 2.830, 55.524
Yxy	35.6829, 0.3212, 0.3334
Android (android.graphics.Color)	4289110173 (0xFFA6A09D)
YUV	161.4520, -2.1948, 3.9886
Hunter-Lab	59.7352, -1.8110, 5.1229

Details

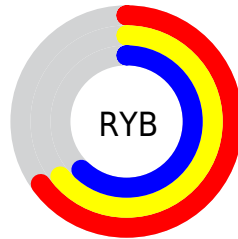
The Yxy color **35.6829, 0.3212, 0.3334** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0939, 0.3046, 0.3246**, and the grayscale version is **35.8695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7265, 0.3192, 0.3323**, and **15.5553, 0.3234, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **31.5067, 0.3390, 0.3420**, and if you desaturate by 10%, it is **40.2771, 0.3061, 0.3254**.

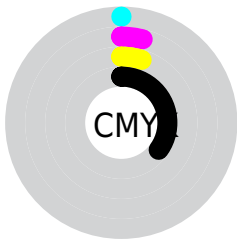
Distribution



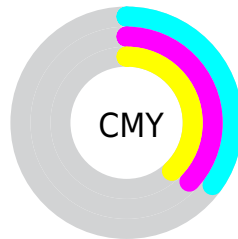
- Red (65%)
- Green (63%)
- Blue (62%)



- Red (65%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6829, 0.3212, 0.3334 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 35.6829, 0.3212, 0.3334 by changing the saturation by 10% instead.

 35.6829, 0.3212,
0.3334


 35.6829, 0.3212,
0.3334


327.5724, 0.3168,
0.3311

 24.1894, 0.3224,
0.3340


 68.5423, 0.3195,
0.3326

 15.4742, 0.3239,
0.3348


 90.6771, 0.3189,
0.3322

 9.1528, 0.3261,
0.3359


117.1277, 0.3184,
0.3320

 4.8410, 0.3293,
0.3375

148.2785, 0.3180,
0.3318

 2.1543, 0.3344,
0.3400

184.5140, 0.3176,
0.3316

 0.6949, 0.3519,
0.3495

226.2186, 0.3173,

 0.0000, 0.0000,

0.3314

0.0000

273.7766, 0.3170,
0.3313

■ 35.6829, 0.3212,
0.3334

■ 35.6829, 0.3212,
0.3334

■ 31.5067, 0.3390,
0.3420

■ 40.2771, 0.3061,
0.3254

■ 27.7319, 0.3598,
0.3509

■ 45.2959, 0.2933,
0.3180

■ 24.3478, 0.3841,
0.3601

■ 50.7517, 0.2823,
0.3113

■ 21.3414, 0.4120,
0.3689

■ 56.6550, 0.2730,
0.3051

■ 18.6989, 0.4434,
0.3767

■ 63.0159, 0.2650,
0.2995

■ 16.4056, 0.4773,
0.3825

■ 69.7425, 0.2589,
0.2960

■ 14.4456, 0.5121,
0.3851

■ 75.9230, 0.2606,
0.3088

■ 12.8018, 0.5451,
0.3834

■ 82.4947, 0.2623,
0.3212

■ 11.4545, 0.5734,
0.3769

■ 86.8441, 0.2633,
0.3289

Harmonies

Analogous

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



35.6829, 0.3203, 0.3298



35.6829, 0.3212, 0.3334



35.6829, 0.3198, 0.3359

Triad

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



35.6829, 0.3212, 0.3334



35.6829, 0.3081, 0.3320



35.6829, 0.3089, 0.3216

Complementary

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



35.6829, 0.3212, 0.3334



36.0939, 0.3046, 0.3246

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.



35.6829, 0.3057, 0.3222



35.6829, 0.3212, 0.3334



35.6829, 0.3052, 0.3282

Square

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



35.6829, 0.3212, 0.3334



35.6829, 0.3123, 0.3351



35.6829, 0.3043, 0.3246



35.6829, 0.3131, 0.3231

Rectangle

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



35.6829, 0.3212, 0.3334



35.6829, 0.3178, 0.3365



35.6829, 0.3043, 0.3246



35.6829, 0.3076, 0.3216

Sweetspot

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



35.6845, 0.3212, 0.3334



67.5180, 0.3158, 0.3306



34.8569, 0.3160, 0.3204



15.1303, 0.3156, 0.3305



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.6845, 0.3212, 0.3334



64.2343, 0.3223, 0.3340



37.2594, 0.3207, 0.3398



8.2187, 0.3230, 0.3343



8.5532, 0.5838, 0.3747



0.3022, 0.5213, 0.4243

Inverse Universe

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



36.0939, 0.3046, 0.3246



65.0695, 0.3035, 0.3240



34.5381, 0.3047, 0.3180



8.3327, 0.3029, 0.3236



10.8836, 0.1936, 0.2170



0.3534, 0.2051, 0.2583

Previews

White Background



This preview shows how the Yxy color 35.6829, 0.3212, 0.3334 looks on a white background.

Color Contrast Check

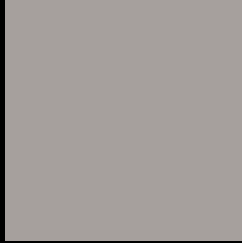
Large Text (above 18pt) WCAG AA × Fail

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 35.6829, 0.3212, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

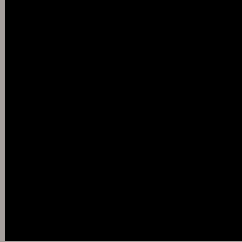
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

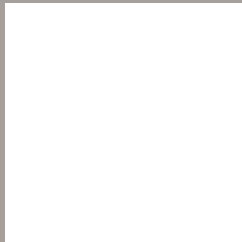
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6829, 0.3212, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 35.6829, 0.3212, 0.3334.



This preview shows how white text looks on a background with the Yxy color 35.6829, 0.3212, 0.3334.

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

35.6829, 0.3212, 0.3334

Protanopia

35.5753, 0.3202, 0.3334

Deuteranopia

35.7105, 0.3328, 0.3263



Tritanopia

35.6808, 0.3116, 0.3120

Trichromacy



Original Color

35.6829, 0.3212, 0.3334

Protanomaly

35.5753, 0.3202, 0.3334

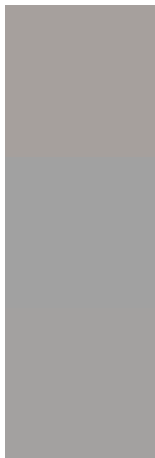
Deuteranomaly

35.5812, 0.3286, 0.3276

Tritanomaly

35.7284, 0.3150, 0.3204

Monochromacy



Original Color

35.6829, 0.3212, 0.3334

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.8143, 0.3155, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6829, 0.3212, 0.3334 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(166, 160, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 160, 157)  
}
```

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(166, 160, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 160, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.6829, 0.3212, 0.3334 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(166, 160, 157) }
```

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

```
.border{ border-color:rgb(166, 160, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 160, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 160, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 160, 157); box-shadow:4px 4px 4px 4px rgb(166, 160, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6829, 0.3212, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 160, 157) }
```

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

```
.background{ background-color: rgb(166,  
160, 157) }
```

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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