

Converting Colors

$Yxy(35.9844, 0.3187, 0.3371)$

Have a look what the booklet for
Yxy(35.9844, 0.3187, 0.3371)
contains.

Yxy(36.0275, 0.3190, 0.3378)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.0275, 0.3190, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	A3A29C
RGB	163, 162, 156
RGB Percent	64%, 64%, 61%
CMY	0.3608, 0.3647, 0.3883
CMYK	0.00, 0.01, 0.04, 0.36
HSL	52°, 4%, 63%
HSV	52°, 4%, 64%
XYZ	34.0224, 36.0275, 36.6034
YIQ	161.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

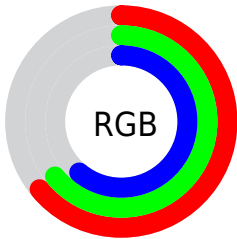
Format	Color
R _{YB}	157, 163, 156
Decimal	10723996
CIE Lab	66.54, -0.77, 3.25
CIE LCh	67, 3.336, 103.270
Yxy	36.0275, 0.3190, 0.3378
Android (android.graphics.Color)	4288914076 (0xFFA3A29C)
YUV	161.6150, -2.7682, 1.2146
Hunter-Lab	60.0229, -3.8620, 5.8596

Details

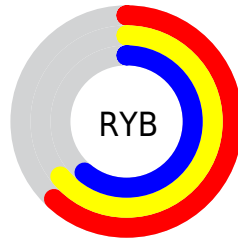
The Yxy color **36.0275, 0.3190, 0.3378** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8108, 0.3064, 0.3200**, and the grayscale version is **35.9538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1843, 0.3182, 0.3368**, and **15.5513, 0.3204, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **34.7161, 0.3343, 0.3589**, and if you desaturate by 10%, it is **37.4308, 0.3047, 0.3176**.

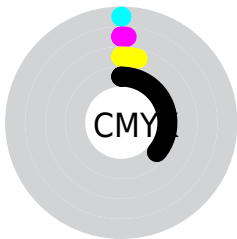
Distribution



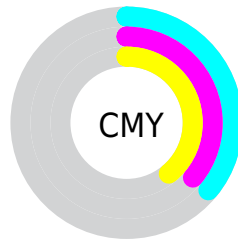
- Red (64%)
- Green (64%)
- Blue (61%)



- Red (62%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (36%)



- Cyan (36%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0275, 0.3190, 0.3378 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 36.0275, 0.3190, 0.3378 by changing the saturation by 10% instead.

■ 36.0275, 0.3190,
0.3378

■ 36.0275, 0.3190,
0.3378

■ 329.0807, 0.3157,
0.3332

■ 24.4554, 0.3199,
0.3390

■ 69.0745, 0.3178,
0.3361

■ 15.6718, 0.3210,
0.3406

■ 91.3182, 0.3173,
0.3355

■ 9.2922, 0.3226,
0.3428

■ 117.8880, 0.3170,
0.3349

■ 4.9323, 0.3249,
0.3461

■ 149.1681, 0.3166,
0.3345

■ 2.2076, 0.3286,
0.3514

■ 185.5431, 0.3164,
0.3341

■ 0.7241, 0.3425,
0.3704

■ 227.3973, 0.3161,

■ 0.0000, 0.0000,

0.3338

0.0000

275.1150, 0.3159,
0.3335

■ 36.0275, 0.3190,
0.3378

■ 36.0275, 0.3190,
0.3378

■ 34.7161, 0.3343,
0.3589

■ 37.4308, 0.3047,
0.3176

■ 33.4888, 0.3503,
0.3804

■ 38.9240, 0.2915,
0.2987

■ 32.3440, 0.3667,
0.4019

■ 40.5116, 0.2793,
0.2810

■ 31.2783, 0.3830,
0.4226

■ 42.1959, 0.2683,
0.2647

■ 30.2879, 0.3987,
0.4414

■ 43.9796, 0.2584,
0.2498

■ 29.3689, 0.4131,
0.4576

■ 45.8649, 0.2494,
0.2362

■ 28.5165, 0.4255,
0.4702

■ 46.8449, 0.2491,
0.2378

■ 27.7256, 0.4354,
0.4787

■ 47.7613, 0.2495,
0.2406

■ 26.9899, 0.4426,
0.4828

■ 48.6930, 0.2499,
0.2434

Harmonies

Analogous

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



36.0275, 0.3220, 0.3361



36.0275, 0.3190, 0.3378



36.0275, 0.3143, 0.3371

Triad

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



36.0275, 0.3190, 0.3378



36.0275, 0.3030, 0.3254



36.0275, 0.3162, 0.3239

Complementary

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



36.0275, 0.3190, 0.3378



33.8108, 0.3064, 0.3200

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.



36.0275, 0.3111, 0.3211



36.0275, 0.3190, 0.3378



36.0275, 0.3035, 0.3219

Square

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



36.0275, 0.3190, 0.3378



36.0275, 0.3051, 0.3299



36.0275, 0.3064, 0.3203



36.0275, 0.3204, 0.3281

Rectangle

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



36.0275, 0.3190, 0.3378



36.0275, 0.3108, 0.3354



36.0275, 0.3064, 0.3203



36.0275, 0.3146, 0.3228

Sweetspot

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



36.0291, 0.3190, 0.3378



65.3393, 0.3142, 0.3311



33.9909, 0.3187, 0.3275



14.6782, 0.3141, 0.3309



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.



36.0291, 0.3190, 0.3378



64.3411, 0.3202, 0.3394



36.1201, 0.3166, 0.3393



8.1797, 0.3209, 0.3404



20.7146, 0.4458, 0.4842



0.4787, 0.4349, 0.4929

Inverse Universe

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



33.8108, 0.3064, 0.3200



59.6625, 0.3052, 0.3183



33.7270, 0.3088, 0.3187



7.5311, 0.3045, 0.3173



2.5685, 0.1537, 0.0732



0.0975, 0.1668, 0.1203

Previews

White Background



This preview shows how the Yxy color 36.0275, 0.3190, 0.3378 looks on a white background.

Color Contrast Check

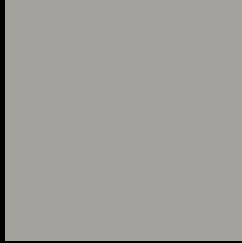
Large Text (above 18pt) WCAG AA × Fail

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 36.0275, 0.3190, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

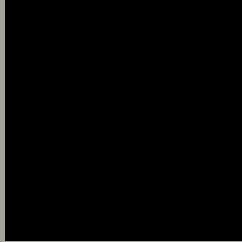
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

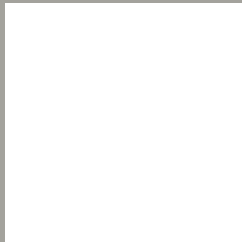
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0275, 0.3190, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 36.0275, 0.3190, 0.3378.



This preview shows how white text looks on a background with the Yxy color 36.0275, 0.3190, 0.3378.

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

36.0275, 0.3190, 0.3378

Protanopia

35.9633, 0.3229, 0.3377

Deuteranopia

35.7950, 0.3347, 0.3277



Tritanopia

36.1195, 0.3069, 0.3120

Trichromacy



Original Color

36.0275, 0.3190, 0.3378

Protanomaly

35.8556, 0.3219, 0.3377

Deuteranomaly

35.7723, 0.3284, 0.3305

Tritanomaly

36.1354, 0.3112, 0.3218

Monochromacy



Original Color

36.0275, 0.3190, 0.3378

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.0601, 0.3145, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0275, 0.3190, 0.3378 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(163, 162, 156)` looks like.

```
.text, #text, p{  
    color:rgb(163, 162, 156)  
}
```

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(163, 162, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 162, 156) }
```

Border

The CSS property to change the border of an element to Yxy 36.0275, 0.3190, 0.3378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

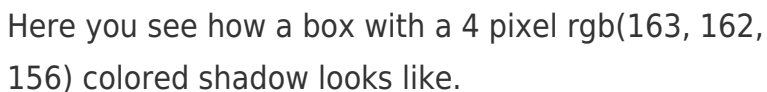
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 162, 156) }
```

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

```
.border{ border-color:rgb(163, 162, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 162, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 162, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 162, 156); box-shadow:4px 4px 4px 4px rgb(163, 162, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0275, 0.3190, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 162, 156) }
```

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

```
.background{ background-color: rgb(163,  
162, 156) }
```

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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